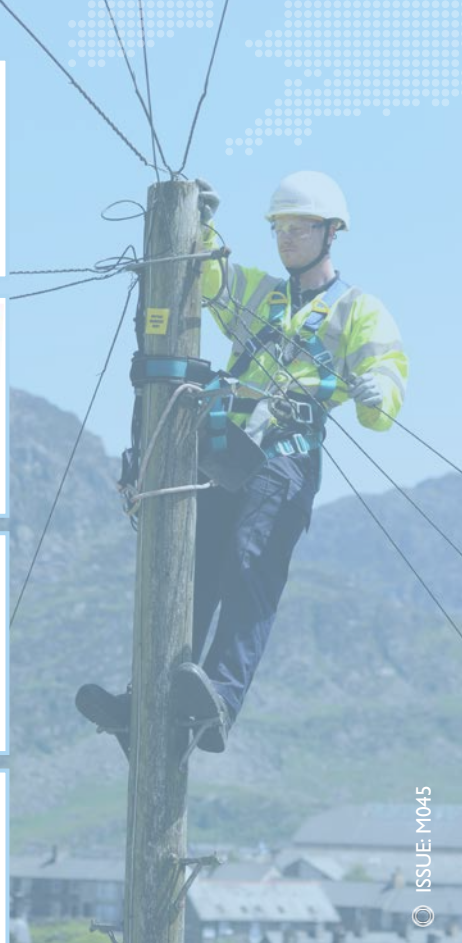




The One-Stop Shop For Digital Infrastructure Products



© ISSUE: M045

The unrivalled end-to-end FTTx network build solution for operators, communications providers and contractors to GET GIGABIT BRITAIN LIVE by 2025!



Where we are today

Mills provides the full range of fibre infrastructure products, tools and equipment needed to build end-to-end Gigabit-capable networks. Operating as both distributor and, in many cases, manufacturer, Mills makes the supply chain simple and efficient, supplying the Communication Provider (CP) with everything needed to build robust and resilient Gigabit-capable digital connectivity throughout the UK, in order to **GET GIGABIT BRITAIN LIVE by 2025!**

Recent Mills Milestones

The Next 100 Years



In 2018, we celebrated our centenary and marked our success with a video describing the history of this extraordinary family business. We've now released a video looking at more recent achievements. To see these, just put **'Mills 100 Years'** and **'Mills Next'** into YouTube.

Our Move to Uxbridge



Our new premises on the banks of the Grand Union Canal in Uxbridge have provided us with 60,000 square feet of offices and warehousing, allowing us to bring the whole Mills operation together under one roof for the first time in many years.

The Prime Minister Comes Calling



Our local MP, the Rt Hon Boris Johnson, MP for Uxbridge and South Ruislip and The Prime Minister, did us the honour of officiating at the official opening of our new home. View this on YouTube too – just enter **'Mills Prime Minister'**.

Our New Website



Find what you want and order it quickly, thanks to AI search, improved menus, quick-view Add to Cart and a seamless mobile and desktop experience, enabling rapid order placing on any device.

For How To Order SEE PAGE 14

Information detailed in this literature is for product selection and images are for illustration only. Every effort is made to be technically accurate. However, the company does not accept any liability for error or omissions and reserves the right to change and modify product and price. It is prohibited to reproduce, in any way, any part of this catalogue without written consent from Mills Ltd. Mills Ltd is grateful to BT's BDUK partnerships and Flickr for use of the photographs thus identified (). These images are licensed under the Creative Commons Attribution 4.0 International License. To view a copy of this license, visit <http://creativecommons.org/licenses/by/4.0/> or send a letter to Creative Commons, PO Box 1866, Mountain View, CA 94042, USA.



Contents

Fibre Optic Products & Tooling

15

Fibre Blowing Machines & Compressors, Lubricants & Cleaners, Duct Preparation Tools, Duct Connectors & Adaptors, Duct Identification & Verification, Fibre Toolkits, Fibre Hand Tools, Fusion Splicing, Cleaning & Inspection, Fibre Testing, FTTx Network Connectivity Products (ODF Systems, Multi-Fibre Assemblies, Patching Systems, Fibre Cables, Building Distribution Enclosures, Splice Enclosures, CBTs & Dropcables, Drop Closures, Customer Connection Points, Fibre Wall Outlets), Patch Cords, Adaptors, Patch Panels, Wallboxes

External Overhead

105

Pole Furniture, Chambers, Clamps, Capping, Overhead Cable, Brackets, Pole Safety, Closures

External Underground

127

Rods & Adaptors, Cobras, Cable Grips, Cable Guiding, Rope, Lubricants, Mobras, Closures, Keys, Resin

Civils & Site Equipment

171

Barriers, Guards & Cones, Road Signage, Digging Tools, Site Hand Tools, Brooms, Buckets and Brushes, Measuring and Surveying Equipment, Tents and Umbrellas, Pumps, Generators, Compressors, Site Lighting, Vacuum Cleaners, Power Tools, Cutting Tools, Ladders & Accessories, Cable Handling

PPE & Safety Equipment

229

Gloves, Helmets, Eye & Face Protection, Hearing Protection, Respirators, Hi-Vis & Protective Clothing, First Aid, Fire Extinguishers, Wipes and Sanitisers, Gas Detectors, Working at Height Equipment

Consumables

249

Cable Ties & Mounts, Cable Clips, Labelling & Pens, Fixings & Fastenings, Adhesives & Sealants, Solvents, Tapes, Batteries, Wipes & Handcare

General Tooling

275

Toolkits, Tool Storage, General Hand Tools, Levels & Measuring, Cable Preparation & Termination Tools

Cabinets & Accessories

369

Cabinets, Wall Cabinets, Trays, Fans & Accessories

Copper Cabling Products

393

Structured Cabling Products (Cat 5e, Cat 6 & Cat 6A), Voice Cabling Products, Active Equipment

Cable Management

421

Trunking (Mini, Standard, Maxi, Dado & Galvanised), Rigid Conduit (PVC & Galvanised), Betaduct Finger Trunking, Flexible Conduit (Polyprop & Steel), Data Distribution Boxes, Cable Tray & Basket, Supports & Studding, Cable Protectors, Cable Braid, Spiral Wrap & Bind, Back Boxes, Floor Boxes, Electrical Products, Fastenings & Fixings, Catenary Wire & Intumescent Fire Products

Test Equipment

447

Test Phones, Corsets & Adaptors, Cable Tracing Tone & Probes, Telecoms & xDSL Testers, TDRs, Coax Testers, Wiremap Testers, Gas Detectors, Cable Avoidance Tools, Sondes, Multimeters, Electrical Testers, Manometers, Static Safe Equipment

Index

473

Part Number Index, Alphabetical Index

The Race To Deliver Gigabit Britain is ON!

With the UK Government's target to deliver nationwide Gigabit capable broadband by 2025, and the recent reforms regarding access to Openreach's duct and pole infrastructure, (Physical infrastructure access, PIA) the race to build the FTTx networks required to deliver Gigabit Britain is truly on!



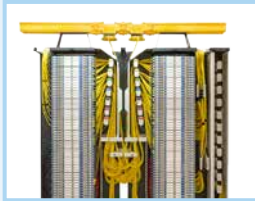
Through strong partnerships with the leading manufacturers in the industry and our heritage in the supply of tools for over 100 years, Mills now offers an unrivalled end-to-end FTTx network build solution to operators, communications providers and contractors.

Our recent move to a new 60,000 square foot warehouse demonstrates the level of Mills' commitment to satisfying its customers' ever increasing demands, ensuring Mills is their partner of choice for FTTx products from the beginning to the end of their network build.

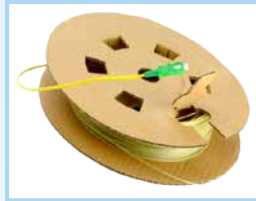


Mills offers End-To-End FTTx Network Build Solutions

From Central Office all the way through to Customer Premises, Mills has **ALL** the digital infrastructure products, tools and equipment needed for your **GIGABIT BRITAIN** network build.



Central Office
Equipment



Fibre Cables
& Assemblies



Fusion Splicing



Ducting



Fibre Blowing



Fibre Joint Closures



External Underground



Chambers &
Street Cabinets



External Overhead



Tools & Site Equipment



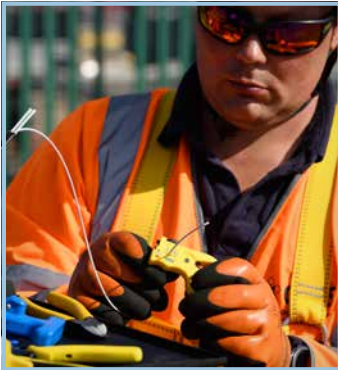
Building Distribution
& Termination



Testing &
Commissioning

Using PIA to get GigaBrit live by 2025

The recently improved Duct and Pole Access remedy, imposed on Openreach by Ofcom, has greatly increased the uptake of Physical Infrastructure Access (PIA) by Communication Providers (CPs) rolling out gigabit capable networks in both rural and urban areas.



The use of Openreach's existing duct and pole infrastructure has enabled CPs to minimise disruption, significantly increasing the rate at which premises can be connected, whilst reducing the costs of expansion. Because of this, it is regarded by industry as an essential to get **GIGABIT BRITAIN LIVE by 2025!**

However, CPs are frequently hitting a barrier when attempting to source the very specialist, sometimes unique in design, parts and tools that are required in order to utilise Openreach's Duct and Poles in a compliant manner.



Mills supply several hundred specialist Duct & Pole infrastructure products and all the associated tools and equipment required by CPs in order to comply with the Openreach engineering rules when using PIA. Mills continuously develops new products to meet each CP's specific and unique needs, increasing efficiencies, de-skilling tasks and reducing build times.

Having been focussed on the business of telecommunications products and tools for over 35 years, Mills has the experience and knowledge to guide CPs along their PIA journey, making their procurement process hassle-free.





Physical Infrastructure Access (PIA) Products



Physical Infrastructure Access (PIA) enables licenced Communication Providers (CPs) to install sub duct or cable into Openreach's existing access duct infrastructure and attach cables on Openreach's existing poles, all in compliance with Openreach's specified engineering rules and health and safety standards.





Tooling for Smart Meters and EV Charging Points

Meeting the needs of a low-carbon economy

With a background in the supply of tooling for engineers going back over 100 years, Mills has the experience and capability to meet all evolving needs for specialist tooling for the installation of smart meters and electric vehicle charging points. Operating as both a distributor and, in many cases, manufacturer, Mills can offer an off-the-shelf solution for all specialist tooling requirements whilst being constantly involved in the development of new products for a specific marketplace.



Check out our new website at www.millsltd.com

Make sure you don't miss out on the many benefits of taking your purchasing process online.



Benefits and features:

Find what you want quickly and order it fast, thanks to

- Seamless mobile experience enabling rapid order placing on any device
- AI-based search box and improved menu navigation

Improved product filtering

- Clear, uncluttered layout with faster loading pages
- Quickview function providing rapid Add to Cart
- Ability to load your basket using list of part numbers or CSV, saving time browsing and adding to cart each and every product line
- Repeat previous order function
- Ability to create Requisition Lists, of your most commonly purchased lines
- Brands page, taking you directly to all the products from the brand you desire

Enhanced product recommendations

- So you don't forget to order anything you should have
- So you know precisely which products are compatible with which other products
- So you can see similar products to the one you are viewing
- Comprehensive and detailed product information, making sure you are ordering the right kit for the job at hand

The latest new, exclusive and sale products are on display when you land on the homepage, making sure you don't miss out!

New Product Highlights

A taster of new and innovative additions to help GET GIGABIT BRITAIN LIVE by 2025

Fibre Blowing Machines & Duct Tooling

Pages 15–48

- F.I.G. Handheld Blowing Gun
- Fremco NanoFlow Max
- Fremco MicroFlow Log
- Fremco PowerFlow Rapid
- Fremco Multiflow Rapid
- Fremco Overflow Y Block
- Compressors
- Lubricants
- Duct Preparation Tools
- Duct Integrity Verification Tools
- Duct Identification & Location Tools



Fibre Tools, Network Components & Test Equipment

Pages 49 -104

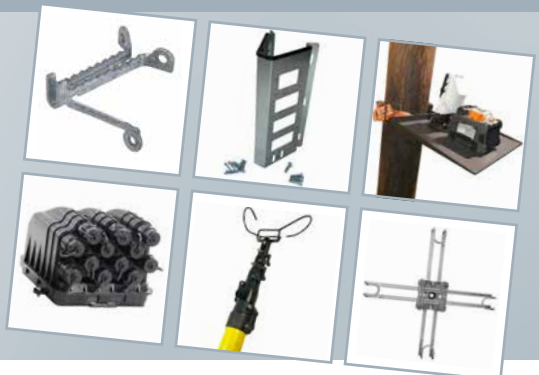
- Fibre Cable Strippers & Cutters
- Drop Fibre Cable Slitters
- Mid-Span Split & Ring Tools
- Overhead Cable Strippers
- Fibre Cleaning
- Fibre Test & Measurement
- Prysmian FTTx Connectivity
- CommScope FTTx Connectivity
- HellermannTyton FTTx Connectivity
- Fibre Cable & Fibre Patch Cords
- Fibre Patch Panels & Adaptors



External Overhead (PIA) Products

Pages 105–126

- Pole Handling & Installation
- Pole Furniture
- PoleMate Splicer's Work Platform
- CBT Pole Brackets
- Aerial Cable Fastenings & Fixings
- Aerial Cable Clamps & Grips
- Capping & Connector Bends
- Dropwire & Accessories
- Height Measurement
- Labels & Identification



New Product Highlights

A taster of new and innovative additions to help GET GIGABIT BRITAIN LIVE by 2025

External Underground (PIA) Products

Pages 127–170

- Rods & Accessories
- Cable Pulling & Guiding
- Ropes
- Lubricants
- Manholes, Chambers & Furniture
- Mobras & Joint Mounting Brackets
- Cable Entry, Capping & Covers
- Lifting Keys & Cover Lifters
- Resins & Compounds
- Joint Closures



Civils, Site Equipment & Contractors Tools

Pages 171–200

- Barriers, Guards & Cones
- Road Signs, Cone Signs
- Digging & Wrecking Tools
- Brushes & Brooms
- Buckets, Bins & Bowls
- Measuring Equipment
- Tents, Shelters & Umbrellas
- Pumps & Generators
- Compressors
- Site Lighting
- Vacuums



Power Tools & Cutting Tools

Pages 201–210

- Cordless Screwdrivers & Impact Drivers
- Cordless Combi Drills & Drill Drivers
- Cordless Hammer & Rotary Hammer Drills
- Cordless Multi-Cutters & Saws
- Lithium-Ion Batteries
- Corded SDS, SDS Max & Rotary Hammer Drills
- Drill Bits & Drill Bit Sets
- Holesaws & Holesaw Sets
- Step & Taper Drills
- SDS Plus Chisels & Points
- Chucks & Adaptors



New Product Highlights

A taster of new and innovative additions to help GET GIGABIT BRITAIN LIVE by 2025

Cable Handling & Ladders

Pages 211–228

- Cable Drum Jacks, Rollers, Stands & Dispensers
- Cable Drum Trailers & Hauling Winches
- Drawrope, Cabling Rope, Fish Wire & Tapes
- Rod Sets & Accessories
- Suction Lifters & Carpet Tile Lifters
- Tackers & Staples
- Extension Ladders & Roof Ladders
- Swingback & Platform Step Ladders
- Multipurpose & Combination Ladders
- Ladder Safety, Tags & Labels
- Ladder Clamps & Locks



PPE & Safety Equipment

Pages 229–248

- PPE Kits, Gloves, Helmets, Eye & Ear Protection
- Dust Masks & Respirators
- Hi-Vis & Protective Clothing
- Safety Footwear & Overshoes
- Knee Pads & Kneeling Pads
- First Aid
- Gas Detection Equipment
- Sanitising Wipes, Gels, Sprays
- Fire Protection
- Height Safety & Tool Lanyards
- Water Sampling & Sanitation



Consumables

Pages 249-274

- Label Printers & Consumables
- Cable Markers & Fixings
- Cable Ties & Accessories
- Pens, Crayons & Marker Paint
- Nuts, Bolts, Washers & Studding
- Screws, Plugs & Rivets
- Solvents, Sprays & Wipes
- Adhesives, Sealants & Tapes
- Batteries & Power Banks
- Hand & Skin Care



New Product Highlights

A taster of new and innovative additions to help GET GIGABIT BRITAIN LIVE by 2025

General Tooling

Pages 275–346

- Toolkits
- Tool Storage
- Pliers & Cutters
- Screwdrivers & Bit Sets
- Wrenches, Spanners & Pliers
- Knives, Scissors & Saws
- Hammers & Chisels
- Measuring Equipment
- Smart Meter & EV Charging Tools



Data Cabling, Cabinets & Cable Management

Pages 369–392

- Cabinets, Wallboxes & Accessories
- Cabinet Cable Management & PDUs
- Cat 5e/6/6A Cable, Modules & Patch Panels
- Cat 5e/6/6A Patch Leads, Plugs, Boots, Couplers
- Voice Products
- Trunking, Conduit, Flexible Conduit
- Cable Tray, Cable Basket, Matting
- Channel Supports & Studding
- Stainless Steel Cable Ties & Mounts
- Data Distribution Boxes
- Faceplates, Backboxes & Electrical Sockets
- Catenary Wire & Intumescent Fire Products



Test Equipment

Pages 447–470

- Test Telephones
- Cordsets & Adaptors
- Cable Tracing Tone & Probes
- ISDN & Telecoms Testers
- TDRs & Coax Testers
- Wiremap Testers
- Cable Qualifiers
- Multimeters
- Electrical Testers
- Cable Detection & Avoidance



How to order

Simply quote our part number, quantity required, your order number or reference and delivery address - it couldn't be easier.

Telephone: **020 8833 2626**

Website: **millsltd.com**

Email: **sales@millsltd.com**

FAX: **020 8833 2600**

Hours of business:

Monday to Thursday 8.00am - 6.00pm,
Friday 8.00am - 5.00pm

Delivery

Free Next Day UK Mainland Delivery*

England, Scotland (excludes Scottish Highlands), Wales: **FREE** next working day delivery on all in-stock orders over £100 (excl VAT). All orders under £100 to mainland UK addresses will incur a small order charge of £9.95 (excl VAT).

*Consignments over 30kg, cabinets and palletised deliveries will attract a competitive delivery price.

Next Day Pre 10.30am	£26.95
Next Day Pre Noon	£14.95
Saturday Pre Noon	£36.50
Northern Ireland	POA†
Eire	POA†

† Dependent on weight and dimensions.

Northern Ireland, Eire, Channel Islands and Scottish Highlands 'next day' deliveries usually operate on a 3 working day service and will attract a competitive delivery price.

Contact Sales on **020 8833 2626** for details.

Mills M25 'Same Day' delivery

From a single parcel to a container-load delivered anywhere within the M25, just call 020 8833 2626 for an instant response to your last minute delivery requirements. (Subject to location - prices may vary).

Prices given are in Pounds Sterling and may be subject to change

All prices are subject to VAT - Mills Standard Terms and Conditions apply (see page 471)

All orders for special non-catalogue items will incur an administration charge of £10.00.

The above small order charge is still applicable if the order value is below £100.

How to PAY

We are happy to accept payment by the following methods:

Credit Card

Please quote your card number, start and expiry dates and security digits together with your name, address and delivery address.

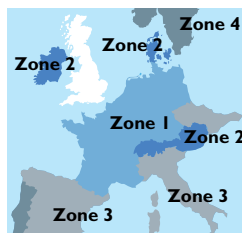


Account

Accounts may be opened within 4 hours, subject to status, following receipt of a completed account application form.

Europe**

Mills deliver into Europe on a daily basis.



- Zone 1 - 2 Days
- Zone 2 - 3 Days
- Zone 3 - 3/4 Days
- Zone 4 - 4/5 Days

** Subject to zone - prices may vary.

Repairs and return of product

Any product being returned to Mills Ltd. for repair, calibration or exchange must be accompanied by documentation carrying a valid Mills Return Note Number. Please contact Customer Services on **020 8833 2626** for this information.

Cabinet Delivery Charges



Fusion Free Standing Cabinets, Server Cabinets and 18U Wallboxes are shipped on pallets and therefore incur a minimum delivery charge of £49.95 per cabinet to mainland UK.



Cannon Technologies Cabinets are delivered to mainland UK free of charge.

Please contact sales for delivery charges to Northern Ireland, Eire, Channel Islands and the Scottish Highlands.



Fibre Optic Products & Tooling



Blown Fibre Machines & Tools

Connectors & Adaptors

External Splice Closures

Fibre Cable

Fibre Optic Inspection
& Cleaning Products

Fibre Optic Termination Tools

Fibre Patch Cords & Pigtails

Fibre Patch Panels & Wall Boxes

Fusion Splicers

Live Fibre Identifiers

ODFs & ODF Shelves/Drawers

Optical Loss Test Sets

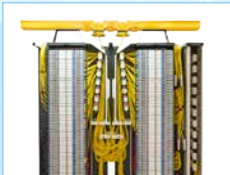
OTDRs

Pre-Terminated Fibre

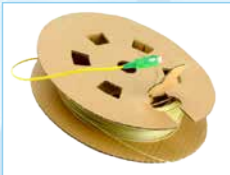
Visual Fault Locators

End-To-End FTTx Network Build Solutions

From Central Office all the way through to Customer Premises, Mills has ALL the digital infrastructure products, tools and equipment needed for your GIGABIT BRITAIN network build.



Central Office
Equipment



Fibre Cables
& Assemblies



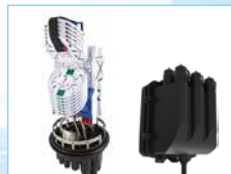
Fusion Splicing



Ducting



Fibre Blowing



Fibre Connectivity



External Underground



Chambers &
Street Cabinets



External Overhead



Tools & Site Equipment

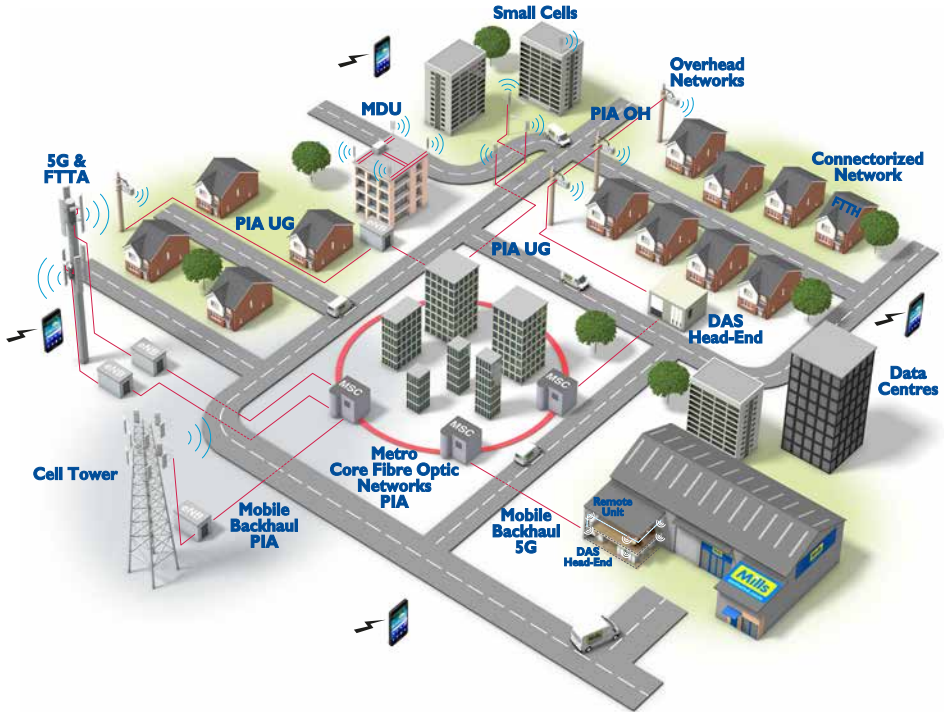


Building Distribution
& Termination



Testing & Commissioning

Accelerate Your FTTx Network Build By Using Proven Products From The Industry's Best Brands



Prysmian
Group

COMMSCOPE®

HellermannTyton

EMTELE

SUMITOMO
ELECTRIC

Anritsu
envision : ensure

F.I.G.

FTTH
INNOVATIONS

FREMCO

Mills

TEMPO
COMMUNICATIONS

Unitex
RidgeGear

STICKLERS

FTTH INNOVATIONS F.I.G. FIBRE INSTALLATION GUN



F.I.G.

The Best In Class Handheld Cordless Air Blown Microfibre Installation Gun, For Fibre To The Home/Premises

Designed with the Drop Fibre installer in mind, the F.I.G. is a lightweight, battery-powered compact blowing gun that features an innovative and simple to use 'no-crush' fibre loading mechanism that prevents cable damage and wastage - in addition to saving the fibre installer valuable set up time.

It is optimised to deploy reeled ballistic microfibre up to 2.0mm diameter in 5mm, 6mm, 7mm and 8mm microducts over distances up to 2000 metres*.

This ergonomic pistol-shaped installation gun has a unique anti-buckle feature to prevent fibre damage whilst blowing. It provides extremely efficient air delivery performance, allowing it to be used with a small air compressor producing ≥ 80 L/min. (2.8 CFM) at 10 bar.

Its 'cruise control' technology enables hands-free operation.

The LCD screen on the top of the F.I.G. displays speed, distance, pushing force and battery life.

Adjustable push control and interchangeable adaptor plates enable the F.I.G. to be quickly and easily adapted to operate on different microfibre sizes and microducts.

The F.I.G. is available individually with optional extra tripod or as complete kit including F.I.G., Compressor, Tripod and Mills Fibre Blowing Toolkit for both overhead and underground applications.

PART NO.	DESCRIPTION	PRICE
F19-1000	FTTH FIBRE INSTALLATION GUN	3,995.00

MILLS PREMIER AIR BLOWN FIBRE INSTALLATION KIT

Our complete fibre blowing installation toolkit comprising all the essential equipment required to install optical fibre drop cables.

F19-1000 F.I.G. Fibre Installation Gun.

S00-1537

Factair 9a Fibrevane Air Compressor Petrol.

F19-1100 Premium Manfrotto Tripod and head for F.I.G. Fibre Installation Gun.

A10-6183 Blown Fibre Toolkit.

S83-1693

10m Air hose kit with fittings.



PART NO.	DESCRIPTION	PRICE
F10-1639	MILLS PREMIER AIR BLOWN FIBRE INSTALLATION KIT	4,831.31

Features:

- Pushing force and speed are both easily adjustable
- Innovative simple to use microfibre cable loading mechanism prevents the microfibre from being damaged or crushed during cable loading
- Active anti-buckle and 'no-crush' sensing device prevents damage to the microfibre during install
- LCD screen displays speed, distance, pushing force and battery life
- Microduct outside diameters 5, 6, 7, and 8 mm can be blown into using interchangeable gaskets
- Quick-change adaptor plates enable operation on different size microducts in seconds
- Quick-release microfibre reel dispenser post

Includes:

- 2 x Bosch 12v 2.0 Ah Lithium Ion batteries and 1 x 220/240v battery charger
- 1.2 mm adaptor plate set (for 1.1mm fibre cable) including gasket sets for 5mm, 6mm, 7mm and 8mm microducts
- Tough, impact-resistant, weatherproof case
- Water separator, replacement drive wheel, o-rings and gaskets
- Threaded anchor point for use with optional tripod mount or optional harness attachment

Specifications:

- Fibre Cable Diameter: Up to 2.0 mm
- Microduct Diameter: 5, 7, 8 mm outside diameter
- Blowing Distance: Up to 2000 metres (*depending on cable type and duct integrity)
- Blowing Speed: Up to 100 m/min (*depending on type of cable and duct integrity)
- Pressure & Airflow: For optimum performance a portable compressor producing ≥ 80 L/min (2.8 CFM) at 10 bar is recommended
- Hand arm vibration values: $A_{eq} = 0.26\text{ms/m}^2$
- Dimensions: 400 x 350 x 90 mm (with fibre reel holder and battery pack fitted)
- Weight: 1.8 kg (with fibre reel holder and battery pack fitted)



F.I.G. FIBRE INSTALLATION GUN TRIPOD

3-section heavy duty aluminium lightweight tripod kit with 3-Way Head, specifically chosen for use with the FIG Fibre Installing Gun Tripod. It has a minimum height of 55cm and an extended vertically maximum height 175.5 cm and fixes to the FIG via a 6mm thread.

The maximum base diameter is 60cm and for storage, the tripod has a closed length of 74mm with a weight of 2.6kg.



PART NO.	DESCRIPTION	PRICE
F19-1100	FIBRE INSTALLATION GUN TRIPOD	190.55

F.I.G. FIBRE INSTALLATION GUN ACCESSORIES



PART NO.	DESCRIPTION	PRICE
F19-1120	A) F.I.G. FIBRE INSTALLATION GUN ADAPTOR PLATE SET 1.2MM (FOR 1.1 MM FIBRE CABLE) - SUPPLIED AS STANDARD WITH THE FIG	549.95
F19-1121	B) FIBRE INSTALLATION GUN ADAPTOR PLATE SET 1.75MM (FOR 1.6 MM FIBRE CABLE)	549.95
F19-1122	C) FIBRE INSTALLATION GUN ADAPTOR PLATE SET 2.25MM (FOR 2.00MM FIBRE CABLE)	549.95
F19-1123	D) F.I.G. SPARE TOP & BOTTOM GREEN GASKET SET FOR 5 MM MICRODUCT	29.95
F19-1124	E) F.I.G. SPARE TOP & BOTTOM BLUE GASKET SET FOR 6 MM MICRODUCT	29.95
F19-1125	F) F.I.G. SPARE TOP & BOTTOM RED GASKET SET FOR 7 MM MICRODUCT	29.95
F19-1126	G) F.I.G. SPARE TOP & BOTTOM WHITE GASKET SET FOR 8 MM MICRODUCT	29.95
F19-1107	H) WATER SEPARATOR WITH METAL BOWL AND AIRLINE CONNECTORS FOR F.I.G. FIBRE INSTALLATION GUN	97.85
S83-1693	I) 10M AIR HOSE KIT WITH FITTINGS	25.70
F19-1108	J) F.I.G. FIBRE INSTALLATION GUN SET OF 2 RED FEED WHEEL TYRES	5.10
F19-1111	K) F.I.G. FIBRE INSTALLATION GUN RED RUBBER FIBRE REEL ARM DONUT	5.10
F19-1117	L) F.I.G. FIBRE INSTALLATION GUN 6.0AH 12V BATTERY	128.70
F19-1115	M) F.I.G. FIBRE INSTALLATION GUN 2.0AH 12V BATTERY	36.00
F19-1116	N) F.I.G. FIBRE INSTALLATION GUN 12V BATTERY CHARGER	42.84



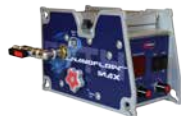


PRODUCT OVERVIEW

Fibre Optic Cable Installation Machines



ACCU



ACCU



110/230 V



110/230 V

Model	NanoFlow	NanoFlow MAX	MicroFlow Touch	MicroFlow LOG
Typical Usage	Inside	Inside	Inside	Inside
Fibre/Cable OD	0.8-3 mm	0.8-4.5 mm	0.8-6.5 mm	0.8-6.5 mm
Duct Size OD	3-10 mm	3-12.7 mm	4-16 mm	4-16 mm
Item No. #	101-160601800	101-190911001	101-10051	101-171001001
Max Speed	150 m/min (490 ft)	125 m/min (410 ft)	90 m/min (295 ft)	90 m/min (295 ft)
Pushing Force	-	0-2 kg	-	-
Blowing distance	Up to 1,200 m	Up to 1,200 m	Up to 2,500 m	Up to 2,500 m
Rec. Airflow	200 l/min (7.1 cfm)	200-400 l/min (7.1- 14.1 cfm)	200-500 l/min (7.1-17.7 cfm)	200-500 l/min (7.1-17.7 cfm)
Rec. Pressure	Max. 10 bar air (150 psi)	Max. 10 bar air (150 psi)	8-16 bar air (120-230 psi)	8-16 bar air (120-230 psi)
Length Width Height Weight	212 mm 104 mm 139 mm 2.8 kg (w/o battery)	212 mm 104 mm 139 mm 2.8 kg (w/o battery)	Machine: Control Box: 250 mm 200 mm 150 mm 150 mm 220 mm 80 mm 10.5 kg 1.2 kg	Machine: Control Box: 250 mm 240 mm 150 mm 250 mm 220 mm 80 mm 10.5 kg 2.9 kg
Service requirement	Annually	Annually	Annually or every 350000 m	Annually or every 350000 m
Unique features	<ul style="list-style-type: none"> Fully automatic Unique double fibre protection Battery-powered Tool free installation 	<ul style="list-style-type: none"> Unique double fibre protection Adjustable clamping force Tool free installation Lightweight but powerful 	<ul style="list-style-type: none"> Anti-Buckle fibre detection Adjustable torque Preset automatic stop Adjustable speed control 	<ul style="list-style-type: none"> Access to OptiCloud Possibility of job documentation & planned maintenance Anti-buckle fibre detection



PRODUCT OVERVIEW

Fibre Optic Cable Installation Machines



HYDRAULIC




HYDRAULIC



HYDRAULIC

RELINING

Model	MiniFlow RAPID	PowerFlow RAPID	MultiFlow RAPID
Typical Usage	Outside	Outside	Outside
Fibre/Cable OD	3-12 mm	5.5-25 mm	5.5-32 mm
Duct Size OD	7-20 mm	10-63 mm *	10-63 mm *
Item No. #	101-10031	101-40001	101-40021
Max Speed	100 m/min (325 ft)	80 m/min (260 ft)	80 m/min (260 ft)
Pushing Force	0-40 kg	0-125 kg	0-200 kg
Blowing distance	Up to 3,500 m	Up to 5,000 m	Up to 5,000 m
Floating distance	-	Up to 10,000 m	Up to 10,000 m
Rec. Airflow	1,000 l/min (35.3 cfm)	8,000-12,000 l/min (282.5-423.8 cfm)	8,000-12,000 l/min (282.5-423.8 cfm)
Max. air/water Pressure	8-16 bar air (120-230 psi)	16 bar (230 psi)	16 bar (230 psi)
Max. hydraulic pressure	-	110 bar (1595 psi)	110 bar (1595 psi)
Length	650 mm	950 mm	1050 mm
Width	225 mm	400 mm	400 mm
Height	210 mm	500 mm	500 mm
Weight	24 kg	45 kg	51 kg
Service requirement	Annually	Annually	Annually
Unique features	<ul style="list-style-type: none"> • Possible to reverse cable • Flexible adaptability • Adjustable torque, distance and speed measurement 	<ul style="list-style-type: none"> • Rugged, solid construction • Flexible • Tool free installation • Adjustable Torque Distance and Speed measurement 	<ul style="list-style-type: none"> • Relining and single cable • Easy adjustable Flex block and inlet • Adjustable Torque Distance and Speed measurement

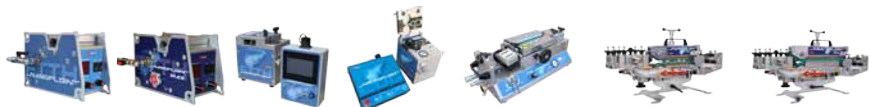
* Standard duct size OD for PowerFlow RAPID and MultiFlow RAPID: 14-60 mm
 Custom made duct size OD for PowerFlow RAPID and MultiFlow RAPID: 10-13 mm & 61-63 mm



PRODUCT OVERVIEW

Fibre Optic Cable Dimensions

Cable Diameter (mm)	FTTH	ACCESS NET	BACKBONE
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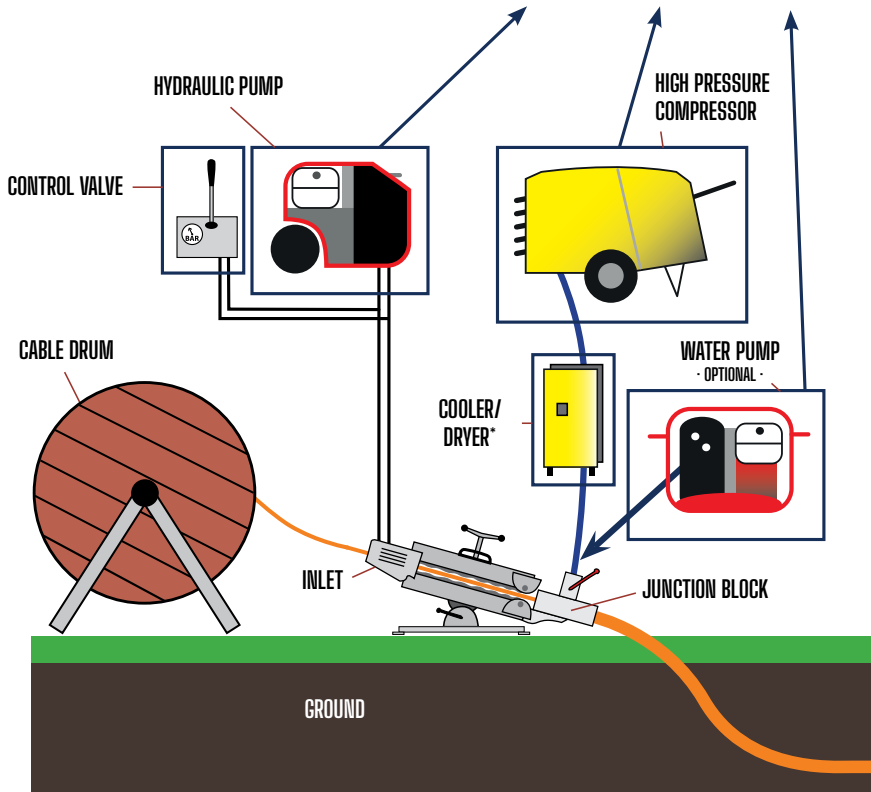


0-1	NanoFlow 0.8-3 mm	NanoFlow MAX 0.8-4.5 mm	MicroFlow Touch 0.8-6.5 mm	MicroFlow LOG 0.8-6.5 mm	MiniFlow RAPID 3-12 mm	PowerFlow RAPID 5.5-25 mm	MultiFlow RAPID 5.5-32 mm
1							
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3							
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OVERVIEW OF POWER SOURCE

Model	24V Battery	110-230V AC Drive	Hydraulic drive	Compressed air	Water flush (Optional)
NanoFlow/ NanoFlow MAX	X			X → 200 l/min. Max. 10 bar	
MicroFlow Touch/LOG		X		X → 200-500 l/min. 8-16 bar	
MiniFlow RAPID			X	X → 1,000 l/min. 8-16 bar	X
PowerFlow RAPID			X	X → 12,000 l/min. 8-12 bar	X
MultiFlow RAPID			X	X → 12,000 l/min. 8-12 bar	X



*We always recommend using a cooler/dryer between the compressor and the blowing machine. High pressure air can achieve very high temperatures that can inflict cables and ducts melt damage. Cold and dry air will also improve the blowing length.





NANOFLOW

Fibre blowing machine for FTTH fibres (EFBU) up to 3 mm

ACCU

Unique fibre protection

If the maximum recommended load on the fibre exceeds the preset torque, the machine stops the blowing process immediately without damaging the fibre. The operator can also use this as an indicator that the fibre has reached the customer, thus suitable for a one-man job.

Battery-powered (independent of 110V/230V)

Quick load of fibre and duct.

Easy load and removal of pre-connected products from the machine without cutting.

Easy-to-read LED display

Showing speed, distance, fibre protection and low battery information.

Small but powerful

Anodised aluminium construction.
Easy adjustment of speed and torque

INCLUDED

2 x 24V 2.0 Ah powerful Lithium-ion battery with quick charger

2 sets of adaptor plates for 1.1-1.2 mm and 1.4-1.6 mm EPFU fibre

Duct adaptors for duct sizes 3, 5, 7, 8 & 10 mm

POSSIBLE ACCESSORY ADD-ONS

Tripod with quick adaptor

Item No.: 103-161127005

Shoulder strap

Item No.: 103-160601074

Reel holder arm for pre-connected fibre

Item No.: 103-171020001

Steel drive wheel for up to 3 mm fibre

Item No.: 103-170515001

24V 4.0 Ah Lithium-ion battery

Item No.: 103-160601043

A wide selection of adaptor plates for any fibre/duct sizes on request

SPECIFICATIONS

Item No.:	101-160601800
Cable diameter:	0.8-3.0 mm
Duct diameter:	3-10 mm
Blowing distance ¹⁾ :	Up to 1,200 m
Blowing speed ¹⁾ :	Up to 150 m/min
Recommended pressure and airflow ²⁾ :	Max. 10 bar (200 l/pr. min.)
Weight:	2.8 kg
Length:	212 mm
Width:	104 mm
Height:	139 mm

¹⁾ Depending on type of microduct and cable.

²⁾ Cooled and dried air.

PART NO.	DESCRIPTION
NANOFLOW	NANOFLOW BLOWING MACHINE

PLEASE CALL SALES FOR FURTHER INFORMATION AND PRICING



NANOFLOW MAX

ACCU

Fibre blowing machine for FTTH fibres (EFBU) and micro cables up to 4.5 mm

Adjustable clamping force

Secures grip around cable/fibre during installation.

Tool free installation

Easy to open and close by hand with quick load of fibre and duct. Adjustable speed and torque. Battery-powered (independent of 100V/240V).

LED display

Showing speed, distance, fibre protection and battery information.

Unique fibre protection technology

If the maximum recommended load on the fibre exceeds the preset torque, the machine stops the blowing process immediately without damaging the fibre.

Tested in accordance to IEC standards

INCLUDED

- 2 x 24V 2.0 Ah Lithium-ion battery with quick charger
- Filter and water separator
- 1 adaptor plate set.
- Steel drive wheel for fibres + 3 mm
- Drive wheel for fibres 0.8-3 mm
- Duct adaptors for 3, 5, 7, 8, 8.5, 10, 12 & 12.7 mm

POSSIBLE ACCESSORY ADD-ONS

Tripod with quick adaptor
Item No.: 103-161127005

Shoulder strap
Item No.: 103-160601074

Reel holder arm for pre-connected fibre
Item No.: 103-171020001

Steel drive wheel for up to 3 mm fibre
Item No.: 103-170515001

24V 4.0 Ah Lithium-ion battery
Item No.: 103-160601043

A wide selection of adaptor plates for any fibre/duct sizes on request

SPECIFICATIONS

Item No.:	101-190911001
Cable diameter:	0.8-4.5 mm
Duct diameter:	3-12.7 mm
Blowing distance ¹ :	Up to 1,200 m
Blowing speed ² :	Up to 125 m/min
Pushing force:	0-2 kg
Recommended pressure and airflow ³ :	Max. 10 bar (200 l/pr. min.)
Weight:	3.5 kg
Length:	212 mm
Width:	104 mm
Height:	139 mm

¹ Depending on type of microduct and cable size. When blowing fibres above 3 mm, blowing distance is reduced.

² Depending on type of microduct and cable.

³ Cooled and dried air.

PART NO.	DESCRIPTION
NANOFLOWMAX	NANOFLOW MAX BLOWING MACHINE

PLEASE CALL SALES FOR FURTHER INFORMATION AND PRICING



110/230 V



MICROFLOW TOUCH

Fibre blowing machine for FTTH fibres (EFBU) and micro cables up to 6.5 mm

Equipped with a unique protection technology

The unique protection technology that stops the machine if the fibre cable meets resistance. Any obstacles are registered by a sensor and the motor stops.

The machine will also stop automatically if the motor exceeds the preset maximum torque level.

In both cases, the machine stops immediately so the fibre cable does not get damaged.

User-friendly touch display

The Microflow Touch's control unit has a user-friendly touch display, which can be used to make a number of different adjustments.

Present automatic stop

The control unit can be used to presetting distance counter to stop after a certain blowing distance, making it possible to work alone.

Adjustable torque and speed control

The control unit allows the pushing force and speed of fibre delivery to be quickly and simply adjusted to provide optimum installation time and prevent damage to the cable.

DON'T FORGET TO ORDER

Adaptor plate set

You can choose between adaptor plates for fibre sizes 0.8-6.5 mm.

Gasket sets

You can choose between gasket sets for adaptor plates 0.8-6.5 mm.

POSSIBLE ACCESSORY ADD-ONS

Valve for reverse airflow

Different variants between 5-12 mm duct.

Adaptor

Item No.: 103-30154

Blowing tips

Different variants between 2-6 mm.

FlowLUB 5000

Item No.: 103-30530

A wide selection of adaptor plates for any fibre/duct sizes on request

SPECIFICATIONS

Item No.:	101-10051
Cable diameter:	0.8-6.5 mm
Duct diameter:	4-16 mm
Blowing distance ¹ :	Up to 2,500 m
Blowing speed ² :	Up to 90 m/min
Recommended pressure and airflow ² :	8-16 bar (200-500 l/pr. min.)
Weight:	11.7 kg
Length:	250 mm/200 mm
Width:	150 mm/150 mm
Height:	220 mm/80 mm

Powered by 24V DC electric motor. Electronic control unit and electronic meter speed/counter with presetting of blowing distance.

¹ Depending on type of microduct and cable.

² Cooled and dried air.

PART NO.	DESCRIPTION
MICROFLOWTOUCH	MICROFLOW TOUCH BLOWING MACHINE

PLEASE CALL SALES FOR FURTHER INFORMATION AND PRICING



Sales/Technical Support

tel: 020 8833 2626

fax: 020 8833 2600



MICROFLOW LOG

Fibre blowing machine for FTTH fibres (EFBU) and micro cables up to 6.5 mm



Compatible with OptiCloud

Access to OptiCloud data gives you: Job documentation, utilization data (how the machine is utilized and data to improve it), maintenance and service recommendation. The LOG template can be individually adapted to the specific job.

Equipped with protection technology

The unique well-known protection technology that stops the machine if the fibre cable meets resistance. Any stop is registered by a sensor and the motor stops.

Verification of blowing quality

Each job will end with a full report that ensures that the quality is 100% documented. This will minimize the risk of costly errors.

Adjustable torque and speed control

DON'T FORGET TO ORDER

Adaptor plate set

You can choose between adaptor plates for fibre sizes 0.8-6.5 mm.

Gasket sets

You can choose between gasket sets for adaptor plates 0.8-6.5 mm.

POSSIBLE ACCESSORY ADD-ONS

Valve for reverse airflow

Different variants between 5-12 mm duct.

Adaptor

Item No.: 103-30154

Blowing tips

Different variants between 2-6 mm.

FlowLUB 5000

Item No.: 103-30530

A wide selection of adaptor plates for any fibre/duct sizes on request

SPECIFICATIONS

Item No.:101-10051
Cable diameter:0.8-6.5 mm
Duct diameter:4-16 mm
Blowing distance ¹⁾ :Up to 2,500 m
Blowing speed ²⁾ :Up to 90 m/min
Recommended pressure and airflow ²⁾ :8-16 bar (200-500 l/pr. min.)
Weight:13.5 kg
Length:250 mm/240 mm
Width:150 mm/250 mm
Height:220 mm/80 mm

Powered by 24V DC electric motor. Electronic control unit and electronic meter speed/counter with presetting of blowing distance.

¹⁾ Depending on type of microduct and cable.

²⁾ Cooled and dried air.

PART NO.	DESCRIPTION
MICROFLOWLOG	MICROFLOW LOG BLOWING MACHINE

PLEASE CALL SALES FOR FURTHER INFORMATION AND PRICING



MINIFLOW RAPID

HYDRAULIC

Cable blowing machine for access network

Rugged stainless construction

The machine is designed based on functionality including:

- Safety chain guard
- Adjustable knobs
- Push force indicator

Fast cable blowing

The machine is capable of installing fibre cable at a speed up to 100 m/min. and up to a distance of 3.5 km making it a compact and efficient cable blowing machine.

Built-in electronic counter and tachometer

The counter is easy to read, robust and simple to operate.

Robust and compact

The machine is constructed in stainless steel and anodized aluminium, which makes it suited for use under rugged conditions at cable blowing locations.

Flexible

The machine can quickly be adapted to accommodate different cable and duct sizes making it flexible to fit every fibre blowing job.

DON'T FORGET TO ORDER

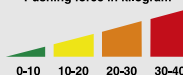
Hydraulic Power Pack/Control valve and high pressure compressor.

Item No.: 101-10102 & 101-10103

Cable damage safety

MiniFlow RAPID has a unique monitoring system, which continuously monitors the pushing force applied on the fibre cable. This makes it easy to stop the process before any damage happens to the cable.

Pushing force in kilogram



SPECIFICATIONS

Item No.:	101-10031
Cable diameter ¹⁾ :	3-12 mm
Duct diameter.....:	7-20 mm
Blowing distance ²⁾:	Up to 3,500 m
Blowing speed ²⁾:	Up to 100 m/min
Pushing force.....:	0-40 kg
Recommended pressure and airflow ³⁾:	8-16 bar (1,000 l/pr. min.)
Weight.....:	24 kg
Length.....:	650 mm
Width.....:	225 mm
Height.....:	210 mm

¹⁾ Two sets of chains needed (3-8 mm/4-12 mm).

²⁾ Depending on type of microduct and cable.

³⁾ Cooled and dried air.

PART NO.	DESCRIPTION
MINFLOWRAPID	MINIFLOW RAPID BLOWING MACHINE

PLEASE CALL SALES FOR FURTHER INFORMATION AND PRICING





POWERFLOW RAPID

Cable blowing machine for backbone with RAPID features

Time saving, user-friendly design

When utilizing PowerFlow RAPID, the configuration is easy to operate. The Flex block allows you to fasten the duct and cable to the machine easily without using tools. This saves you time when configuring the machine.

Tool free installation

When utilizing PowerFlow RAPID, the configuration and installation can be deployed without any usage of tools. This makes every fibre blowing job even more effective as the machine can quickly be adapted to blow different sizes of fibre/cable and ducts.

Adjustable Flex block

Each fibre deployment job is unique in regards to cable and duct dimensions, which is why the Flex block can easily be adjusted in its height and length. The adjustment is easily applied by hand ensuring an even better and faster job for the fibre blowing engineer.

Cable blowing using either air or water

It is possible to install fibre optic cables using either air or water. With water assisted cable floating, you can achieve optimal results, especially when installing large cables or blowing long distances.

SPECIFICATIONS

Item No.:	101-40001
Cable diameter ¹⁾ :	5.5-25 mm
Duct diameter ²⁾ :	10-63 mm
Blowing distance ³⁾ :	Up to 5,000 m
Floating distance ³⁾ :	Up to 10,000 m
Pushing force:	0-125 kg
Blowing speed ⁴⁾ :	Up to 80 m/min
Recommended pressure and airflow:	8-12 bar (8,000-12,000 l/pr. min.)
Max. air pressure:	16 bar
Max. hydraulic pressure:	110 bar
Weight:	45 kg
Length:	950 mm
Width:	400 mm
Height:	500 mm

¹⁾ Two sets of chains needed (5.5-8 mm/8-16 mm/14-25 mm).

²⁾ Standard duct OD: 14 - 60 mm, Custom made duct OD: 10-13 mm & 61 - 63 mm

³⁾ Depending on type of microduct and cable.

⁴⁾ Cooled and dried air.

DON'T FORGET TO ORDER

- Chains for cable
- Hydraulic Power Pack/Control valve and high pressure compressor.
Item No.: 101-10102 & 101-10103

PART NO.	DESCRIPTION
POWERFLOWRAPID	POWERFLOW RAPID BLOWING MACHINE

PLEASE CALL SALES FOR FURTHER INFORMATION AND PRICING





MULTIFLOW RAPID

HYDRAULIC

Flexible cable blowing machine for backbone.

Effective for both for single cable and relining

This machine is very flexible as it can both be configured for single cable and for relining. It can blow many different combinations of ducts and microducts.

Tool free installation

When utilizing MultiFlow RAPID, the configuration and installation can be deployed without any usage of tools. This makes every fibre blowing job even more effective as the machine can quickly be adapted to blow different sizes of fibre/cable and ducts saving you a lot of time.

Adjustable Flex block

Each fibre deployment job is unique in regards to cable and duct dimensions, which is why the Flex block can easily be adjusted in its height and length. The right placement in regards to the chains secures the fibre and duct. The adjustment is easily applied by hand and without any tools.

Cable blowing with either air or water

It is possible to install microducts and fibre optic cables using either air or water. With water assisted cable floating, you can achieve optimal results, especially when installing large cables or blowing long distances.

SPECIFICATIONS

Item No. (Single Cable):	101-40021
Item No. (Relining):	101-40002
Cable diameter ¹ :	5.5-32 mm
Duct diameter ² :	10-63 mm
Blowing distance ³ :	Up to 5,000 m
Floating distance ³ :	Up to 10,000 m
Pushing force:	0-200 kg
Blowing speed ⁴ :	Up to 80 m/min
Recommended pressure and airflow :	8-12 bar (8,000-12,000 l/pr. min.)
Max. air pressure	16 bar
Max. hydraulic pressure	110 bar
Weight:	51 kg
Length:	1050 mm
Width:	400 mm
Height:	500 mm

¹⁾ Two sets of chains needed (5.5-8 mm/8-16 mm/14-32 mm).

²⁾ Standard duct OD: 14 - 60 mm, Custom made duct OD: 10-13 mm & 61 - 63 mm

³⁾ Depending on type of microduct and cable.

⁴⁾ Cooled and dried air.

DON'T FORGET TO ORDER

- Chains for cable or microduct
- Hydraulic Power Pack/Control valve and high pressure compressor.
Item No.: 101-10102 & 101-10103

PART NO.	DESCRIPTION
MULTIFLOWRAPID	MULTIFLOW RAPID BLOWING MACHINE

PLEASE CALL SALES FOR FURTHER INFORMATION AND PRICING



Sales/Technical Support tel: 020 8833 2626 fax: 020 8833 2600

FREMCO HYDRAULIC CONTROL UNIT

The Hydraulic Control Unit is used to connect the Hydraulic MultiPower Pack to the blowing machine and control its operation

- Stepless speed control
- Control direction forward and backward
- Manometer for monitoring cable pressure
- Safety valve for pushing force
- Environmentally friendly hydraulic couplings
- Required for MiniFlow, PowerFlow and MultiFlow
- Hydraulic connection: 0>125 bar, 17 l/min
- Manometer: 160 bar
- Hose to fibre blowing machine: 1500 mm
- Hose to hydraulic pump: 1500 mm
- Length: 250 mm
- Width: 250 mm
- Height: 310 mm
- Weight: 5 kg



PLEASE CALL SALES for further information and pricing

PART NO.	DESCRIPTION
CONTROLUNIT	HYDRAULIC CONTROL UNIT

FREMCO HYDRAULIC MULTIPOWER PACK

The Hydraulic MultiPower Pack is the required hydraulic power source for the MiniFlow, MultiFlow and PowerFlow machines.

- Oil flow 18 l.p.m at 3300 r.p.m.
- Working pressure nominal 100 bar.
- Pressure relief valve set at 110 bar.
- Pump Gear pump.
- Oil temperature Max. 70°C.
- Hydraulic oil tank capacity min. 5 litres/max. 7 litres
- Petrol tank capacity 3.1 litres
- Hydraulic system - Max. 8 litres
- Filter system (filter element) 25 Micron with by-pass
- Engine Honda GX200QX7 6.5 HP (gross power) 4-stroke petrol with oil alert system.
- Petrol - normal or unleaded.
- Engine oil 1.1 litres.
- Guaranteed sound power level LWa 100 dB
- Sound pressure level 1 m LPA 88 dB
- Dimensions (LxVxH) 630x530x510 mm
- Weight, without hydraulic oil 54 kg.



PDF Datasheet available online



PLEASE CALL SALES for further information and pricing

PART NO.	DESCRIPTION
MULTIPOWER	HYDRAULIC MULTIPOWER PACK

FREMCO ACCESSORIES & SPARE PARTS

Mills offers many different types of accessories and spare parts for all of the Fremco machines including air compressors, adaptor plates, blowing junction boxes, chains, water pumps and many more. Please call sales for further information and pricing



JUNCTION BOXES



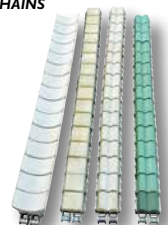
SEALS, GASKETS & ADAPTOR PLATES



DISTANCE & SPEED COUNTERS



CHAINS

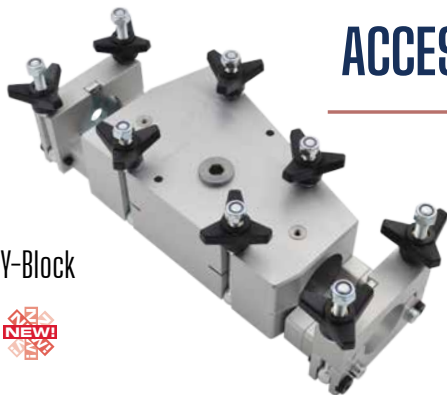


PLEASE CALL SALES for further information and pricing



ACCESSORIES

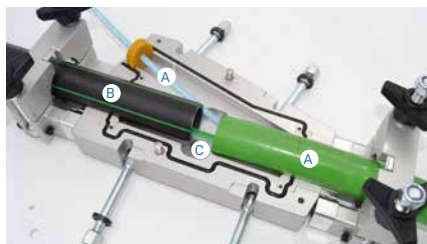
Y-Block



The Y-block, used for overblow, can assist you in adding one cable to an existing duct where another cable is installed. Its surface is treated aluminium and it can withstand air/water pressure up to 25 bar.

With Fremco's customized duct holder and adaptors, the Y-block is more flexible than ever as it can be fitted into different sizes of ducts between 14 mm and 65 mm. This means you can modify both ends of the Y-block to fit each specific overblow.

PART NO.	DESCRIPTION
YBLOCK	OVERBLOWY BLOCK

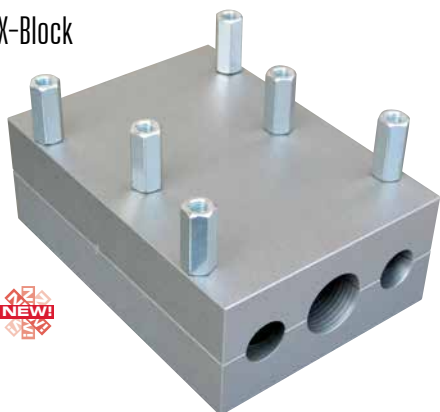


A) Existing cable or duct, B) Supply duct, C) New cable

Direct Air Connection

When utilizing the Y-block, especially with smaller Fremco machines, the Y-block is featured with a direct air connection in the lid. The direct connection of air makes it possible to do overblow with fewer steps, saving time for the fibre blowing engineer.

X-Block



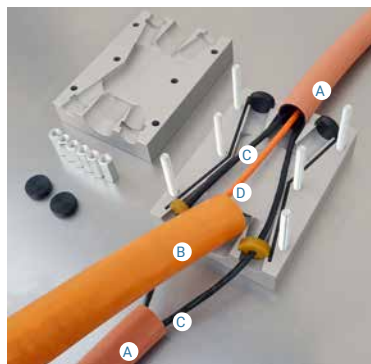
The X-block is used for adding one cable to an existing duct with two cables inside. It is made from surface treated aluminium and can easily withstand a pressure of 25 bar from air/water.

The X-block is made with a fixed 40 mm connection at one end and a fixed 50 mm connection at the opposite end.

This means that the block can be freely reversed and connected to 40 mm and 50 mm existing ducts in the

PART NO.	DESCRIPTION
XBLOCK	OVERBLOW X BLOCK

PLEASE CALL SALES FOR FURTHER INFORMATION AND PRICING



A) 40 mm existing duct, B) 50 mm supply duct from PowerFlow RAPID or MultiFlow RAPID, C) Existing cable, D) New cable

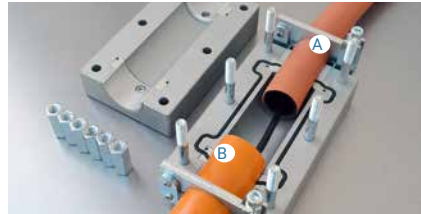
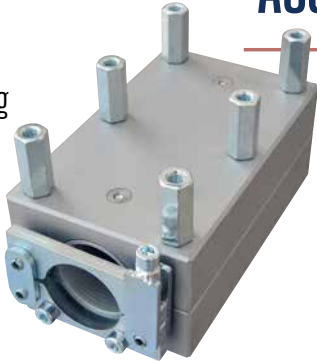
ground and connected to PowerFlow or MultiFlow with either a 40 mm or 50 mm supply duct (depending on availability).

The X-block uses the same type of cable seals as the junction block.

PLEASE CALL SALES FOR FURTHER INFORMATION AND PRICING

ACCESSORIES

Duct Joining Block



A) Any 14, 16, 20, 25, 32, 40 or 50 mm duct
B) Any 14, 16, 20, 25, 32, 40 or 50 mm duct

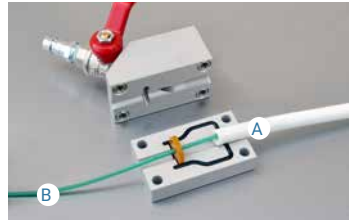
The duct joining block is used for joining ducts in almost all combinations between 14 and 50 mm. Unlike a plastic connector, the joining block can be split into two halves and used again and again. At the same time it can withstand much greater pressure. It's made from surface treated aluminium and can easily withstand a pressure of 25 bar from air/water.

The duct joining block uses the same type of inserts and duct collets as the junction block. This means that they can be mixed in all kinds of combinations.

PART NO.	DESCRIPTION
JOININGBLOCK	DUCT JOINING BLOCK

PLEASE CALL SALES FOR FURTHER INFORMATION AND PRICING

Mini Blowing Junction Block



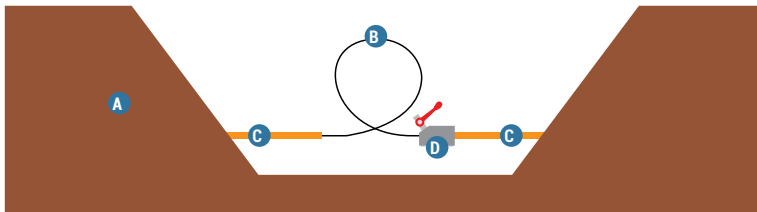
A) Microduct, B) Cable

The mini blowing junction block is used for straightening a cable when blowing in two directions, and when there is a loop left because the regular blowing machine does not fit into the excavation (see illustration below). It is the perfect accessory for a MiniFlow RAPID.

where there is no room for a regular blowing machine. It's made from surface treated aluminium and can withstand the same air pressure as the MiniFlow Rapid.

The mini blowing junction block can also be used to blow a cable (by hand in short distances) from a narrow spot

The mini blowing junction block is available in several variations to suit specific microduct sizes from 7mm all the way up to 16mm. See the full range at millsltd.com



- A) Ground
- B) Cable with loop after blown in both directions
- C) Microduct
- D) Mini blowing junction block

Visit millsltd.com to see the full range

9A FIBREVANE PETROL COMPRESSOR

The 9A Fibrevane is a well established and innovative compressor specially designed to deliver clean dry air for the installation of optical fibre and is the perfect partner for the F.I.G. Fibre Installation Gun and weighing just 25kg. The 9A has a portable, petrol engine driven rotary vane compressor, producing 70 l/min of pulse free treated compressed air at a working pressure of 10 bar and is powered by an extremely reliable Honda GX H 50.

The unit incorporates an integral air cooled aftercooler reducing the compressed air temperature to within 2 degrees C of ambient. A 3 stage filtration system provides technically oil free air.

Noise Compliant to EC Directive 2000/14/EC.

Output: 70 l/min.
Pressure: 10 bar

Dimensions: Length 580mm x
Width 345mm x Height 450mm

Weight: 25kg



PART NO.	DESCRIPTION	PRICE
S00-1537	9A FIBREVANE PETROL COMPRESSOR	1,995.00

LAST MILE BLOWN AIR COMPRESSORS

This compact and lightweight compressor has been specifically designed to produce clean oil free dry air for fibre blowing applications and is the ideal partner for most small blowing machines. The lightweight 25kg compressors produce 9.5 CFM (80 l/min) of clean air at maximum pressure of 10 Bar (145 PSI).

The Last Mile Compressors have an efficient V twin oil-less compressor pump which can be powered by P3HP Suburu Petrol, with electric 240v or 110v options available.

9.5 CFM (80 l/min) of clean air at maximum pressure of 10 Bar (145 PSI).

Technical Specification:
Air Flow Rate 9.5 CFM (80 litre/min)
Maximum Pressure 145 psi (10 bar)
Noise Level 80 dB LpA / 94 dB LwA
Fuel Tank Capacity 3.5 Litre
Weight 25kg



PART NO.	DESCRIPTION	PRICE
S00-3790	PETROL LAST MILE COMPRESSOR	1,250.00
S00-4353	110V LAST MILE COMPRESSOR	1357.14
S00-1046	240V LAST MILE COMPRESSOR	1287.50

KAESER MINI COMPRESSOR

Kaeser's baby compressor, especially suitable for contractors working on internal fibre blows where petrol compressors aren't an option. Ideal for distances less than 500m, the unit's special design enables easy single-handed manoeuvrability.

Flow Rate at 6 bar l/min: 113
Max Pressure Bar: 10
Rated Power Motor kW: 1.1
Sound pressure level * dB(A) 72
Power Supply: 230v AC
Dimensions: 610 x 350 x 570mm
Weight: 33kg



PART NO.	DESCRIPTION	PRICE
S83-2794	KAESER MINI COMPRESSOR	978.50

CLARKE CFP10H PORTABLE 5HP PETROL ENGINE DRIVEN COMPRESSOR

The Clarke CFP10H is powered by a reliable 5HP Honda petrol engine, and is an economy compressor ideal for powering smaller blowing machines. This unit can deliver 7 bars of pressure with an integrated air pressure relief valve/ gauge and utilises its frame as a 2.5 litre storage receiver. Features and Technical Specification:

Light weight, only 26kg
Honda 4 stroke petrol engine
Motor: 5HP Maximum working pressure: 7 Bar
Receiver capacity: 2.5L
Displacement: 9cfm
Air Tank Volume: 2.5 Litres
Air flow approx 80 litres per minutes
Max Working Pressure: 101 psi
Engine: 5.0 HP
Dimensions
(L x W x H): 510 x 370 x 470mm



PART NO.	DESCRIPTION	PRICE
S00-4363	CLARKE PETROL COMPRESSOR	688.34

PLANT NAPPY

A) Plant Nappy sits under a huge range of machinery and hand-held equipment to absorb oil and fuels that prevents them from reaching the ground, protecting the environment. The Plant Nappy is supplied with a reusable liner allowing it to be reused time and time again.

Size: 1000 x 685mm
Absorbency: 4.5 litres
Weight: 2kg

B) Re-useable Plant Nappy Medium liner for use with S83-1544 Plant Nappy Medium 1000 x 685mm.



PART NO.	DESCRIPTION	PRICE
S83-1544	A) PLANT NAPPY	315.52
S83-1556	B) RE-USEABLE PLANT NAPPY MEDIUM LINER	41.20

DRIP TRAYS

Manufactured from hard-wearing recycled polypropylene. Purpose-made for the recovery of oil and fluids, from drips that may occur whilst in storage or in the workshop. Available in two sizes:

- A) S83-2725 - 25 litre low profile drip tray - Dimensions: 1100 x 550 x 50mm
B) S83-2753 - 28 litre standard drip tray - Dimensions: 590 x 590 x 70mm



PART NO.	DESCRIPTION	PRICE
S83-2752	A) DRIP TRAY LOW PROFILE 25 LITRE	18.49
S83-2753	B) DRIP TRAY 59 X 59 X 7CM 28 LITRE	16.55

KAESER I.COMP 3 PORTABLE 240V

The I.Comp 3 Portable is the new compressor from KAESER delivering and maintaining oil free air at a rate of 160 l/min at 11 Bar, due to the new I Comp 3 control system.

This make the compressor the ideal solution for the vast majority of smaller fibre blowing machines.

Motor Size: 1.5kW
 Maximum Operating Pressure: 11Bar
 Flow Rate at 6 bar: 160 L/min
 Noise Level: dB (A)
 Protection Rating: IP54
 Dimensions: 460 x 340 x 600mm
 Lightweight - only 25kg



PART NO.	DESCRIPTION	PRICE
S00-3507	KAESER I.COMP 3 PORTABLE 240V	1773.66

THE 6A BLOWN FIBRE COMPRESSOR

The 6A Blown Fibre Compressor is petrol engine driven rotary vane compressor producing 200 l/min of pulse free treated compressed air at a working pressure of 10 bar. It is powered by a Honda GX240QX OHV Petrol Engine and incorporates a 12V DC air cooled aftercooler reducing the compressed air temperature to within 2 degrees C of ambient. A 3 stage filtration system provides technically oil-free air.

The unit is also available with an optional 24V DC outlet socket for supplying the blowing head (other voltages available on request).

Dimensions: 900mm length x 500mm width x 750mm height
 Weight: 85kg



PART NO.	DESCRIPTION	PRICE
S83-3626	THE 6A BLOWN FIBRE COMPRESSOR	5180.00

A) KAESER M17 PORTABLE COMPRESSOR

Versatile, reliable and easy to transport: This small large-capacity compressor takes up minimal loading space and, with its high-quality motor and extremely impact-resistant PE enclosure, it's ready for anything.

The 15-bar version is the ideal choice for trenchless laying of glass fibre cables or for leakage tests.

An external compressed air aftercooler can also be optionally connected to ensure a dependable supply of cool, condensate-free air at all times.

Flow Rate: 1.0 m3/min or 35cfm
 Operating Pressure: 15 bar or 215 PSI
 Petrol Engine: Honda GX630
 Engine Rated Power: 15.5kW
 Fuel Tank Capacity: 20 Litres
 Operational Weight: 204kg



B) KAESER AFTERCOOLER FOR M17 COMPRESSOR

Aftercooler with additional microfilter for use with Kaeser M17 Compressor providing cool, condensate-free and oil-free compressed air.

PART NO.	DESCRIPTION
101-30011	A) KAESER M17 PORTABLE COMPRESSOR
101-30002	B) AFTERCOOLER FOR KAESER M17 PORTABLE COMPRESSOR

CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING

ROTAIR MDVN82KH PORTABLE COMPRESSOR

The high capacity Rotair MDVN82KH Portable Compressor with integral aftercooler and moisture trap is ideal for overflow applications delivering air at up to 8000 litre per minute at 14 bar (275CFM).

The compressor is portable with power supplied by the 2,400cc Kohler Diesel Engine.

Features and Technical Data

Operating pressure: 7 bar 102 psi : 10 bar 145 psi : 14 bar 203 psi
 Free air delivery: 8000 l/min 282 cfm : 6400 l/min 226 cfm : 5000 l/min 177cfm
 Noise level EECno 2000/14 : < 98 LWA
 Fuel tank capacity : 92 lt - 20.24 UK gal
 Consumes : 9.3 lt/h - 2.05 UK gal/h (9.9 working hours)
 Length (with draw bar) - 3264mm
 Width - 1528mm
 Weight without brakes: 1386kg



PART NO.	DESCRIPTION
S00-1802	ROTAIR MDVN82KH PORTABLE COMPRESSOR

CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING

MILLS FIBRE BLOWING MICRODUCT LUBRICANTS

A highly concentrated cable blowing lubricant, specifically designed for use inside microducts, ideally up to an internal diameter of 12mm.

This water-based low-viscosity lubricant flows quickly and easily inside microducts, reducing friction and increasing total blowing length.

Ideal for refilling the smaller 0.25 Litre resealable container version (S27-1962). Please shake contents well before use!

- A) Contents: 250ml
B) Contents: 1 Litre



PART NO.	DESCRIPTION	PRICE
S27-1962	A) FIBRE BLOWING MICRODUCT LUBRICANT 250ML	4.07
S27-1963	B) FIBRE BLOWING MICRODUCT LUBRICANT 1 LITRE	11.59

MILLS FIBRE BLOWING SUBDUCT LUBRICANTS

A specialist cable blowing lubricant for general fibre blowing applications, as well as subduct relining.

This lubricant reduces frictional drag during the blowing of fibre optical cable into ducts, increasing the total length of cable that can be blown.

- A) Contents: 950ml
B) Contents: 3.8 Litre



PART NO.	DESCRIPTION	PRICE
S27-1960	A) FIBRE BLOWING SUBDUCT LUBRICANT 950ML	5.82
S27-1961	B) FIBRE BLOWING SUBDUCT LUBRICANT 3.8L	28.33

A) MILLS FIBRE OPTIC CABLE PULLING LUBRICANT 20L

Water-based, thin semi-gel, cable installation lubricant for fibre cable pulling operations.

Ideal for pulling both fibre optic cables and sub-ducts, eliminating up to 80% friction from the process.

Application by either sponge or a cable lubricating pump (S83-2667). **Contents: 20 Litre.**

B) PUMP LUBRICANT 2A

Pump used for applying cable lubricants.

Fits standard 20 litre drum. Supplied with 5m clear, plastic hose.

Ref: I27388.



PART NO.	DESCRIPTION	PRICE
S27-1959	A) MILLS FIBRE CABLE PULLING LUBRICANT 20 LITRE	51.45
S83-0709	B) PUMP LUBRICANT 2A	232.70

MILLS FIBRE CABLE DEGREASER 950ML

A high performance, alcohol-free cable gel solvent cleaner. Specifically developed for the safe and easy removal of cable gels and blocking compounds from fibre optic communication cables.

Removes dirt, grime, grease, tar, oil, wax, resin and gum from cables, tools, painted surfaces and equipment.

An ideal environment-friendly replacement for white spirit.

Best applied using wipes or towels.

Contents: 950ml



PART NO.	DESCRIPTION	PRICE
S27-1964	MILLS FIBRE CABLE DEGREASER 950ML	20.55

MILLS OPTICAL FIBRE CLEANER 950ML

Optical Fibre Cleaner formulated for the cleaning of optical fibre and end faces.

An ideal and safer alternative to conventional IPA, that dissipates static to remove surface charges preventing surface re-contamination.

Fast-drying, water-based, non-toxic and non-flammable.

Ideal for refilling the smaller 60ml resealable container (S27-1965).

Contents: 950ml



PART NO.	DESCRIPTION	PRICE
S27-1966	MILLS OPTICAL FIBRE CLEANER 950ML	6.13

MILLS OPTICAL FIBRE CLEANER 60ML

Optical Fibre Cleaner formulated for the cleaning of optical fibre and end faces.

An ideal and safer alternative to conventional IPA, that dissipates static to remove surface charges preventing surface re-contamination.

Fast-drying, water-based, non-toxic and non-flammable.

Contents: 60ml



PART NO.	DESCRIPTION	PRICE
S27-1965	MILLS OPTICAL FIBRE CLEANER 60ML	3.04

MILLS IPA WATER MIX 1 LITRE

A mix of 90% Isopropyl Alcohol to 10% water for the use in cleaning fibre optic cable and connector end faces.

This solution should be decanted into a solvent dispenser (e.g. Mills C00-8296).

It should then be used in conjunction with cleaning wipes and buds for removing dirt and contamination from fibre connectors. The solution evaporates after application, leaving no residue.

WARNING!

Highly flammable, keep away from direct sun light, hot surfaces, sparks, open flames and other ignition sources. Do not expose to temperatures exceeding 50°C

Contents 1 Litre



PART NO.	DESCRIPTION	PRICE
C00-3036	MILLS IPA WATER MIX 1 LITRE	6.70

MILLS IPA SOLVENT SPRAY 400ML

Universal purpose solvent cleaner. 100% Isopropyl Alcohol.

For use with cleaning wipes and buds for removing dirt and contamination from fibre connectors. The IPA evaporates after application and leaves no residue.

WARNING!

Highly flammable, keep away from direct sun light, hot surfaces, sparks, open flames and other ignition sources. Do not expose to temperatures exceeding 50°C.



PART NO.	DESCRIPTION	PRICE
C00-4827	MILLS IPA SOLVENT SPRAY 400ML	4.95

MILLS BLOWN FIBRE TOOLKIT No.1 IN 20" RUGGEDISED TOOLBOX

A basic toolkit designed for the blown fibre engineer, comprising over 30 tools for the installation and connection of fibre ducting and subsequent blown fibre installation. It is supplied in a large capacity 20" (50cm), ruggedised tool box.

Kit Comprises:

- B70-6169** 20" (50cm) Ruggedised Toolbox
- M99-7576** Mills LED Head Torch
- C00-6409** 0.45 litre Sharps Box
- C71-6895** Sharpie Pen (PK 2)
- E00-0451** Collet Locking Tool
- E00-7292** Micro Duct Cutter
- E00-3021** Cutter Hand No 2
- E00-3646** 3 Piece 1000V Plier Set
- E00-5004** Kevlar Scissors
- N72-6375** Spring Back Knife
- E22-6585** Junior Hacksaw
- R99-5386** PVC Tape Black
- E00-6124** Tube Gauge
- J04-6467** Tube Reamer
- S83-6198** Mills Tri Head Duct Cutter
- E00-6691** Large Capacity Duct Cutter 0-30mm
- F02-3638** Screwdriver Set
- S14-3440** Safety Gauntlets
- R99-6590** Mills Wipes
- E22-6373** 5m Tape Measure
- S26-5924** Bolle Safety Glasses (not laser protective)
- M99-6914** Mini Millslite Cree LED Zoom Lens Torch



*Contents may vary slightly, please visit millsitd.com for the latest listing.

PART NO.	DESCRIPTION	PRICE
A10-6183	MILLS BLOWN FIBRE TOOLKIT No.1	185.35

MILLS BLOWN FIBRE TOOLKIT No.2 IN 23" RUGGEDISED WATERPROOF TOOLBOX

A comprehensive toolkit designed for the blown fibre engineer, comprising over 50 tools for the installation and connection of fibre ducting and subsequent blown fibre installation. The Mills Blown Fibre Kit 2 is supplied in a large capacity 23" (58cm), ruggedised waterproof tool box.

Kit Comprises:

- B70-3347** 23" Ruggedised Toolbox
- C00-6409** 0.45 litre Sharps Box
- M99-7576** Mills LED Head Torch
- B94-2889** Parts Organiser
- C71-6895** Sharpie Pen (PK 2)
- E00-0451** Collet Tools
- E00-7292** Micro Duct Cutter
- E00-7643** Longitunal Cutter 1A
- E00-3021** Cutter Hand No 2
- E00-3646** 3 Piece 1000V Plier Set
- E00-5004** Kevlar Scissors
- M99-6916** Mills Combined LED Torch & Worklight
- E00-6170** Mills 3 Way Fibre Stripper
- H01-1528** Metric Ball End Hex Key Set
- H72-6381** 8" Adjustable Spanner
- J04-3416** Electronic Vernier Caliper
- N72-6375** Spring Back Knife
- E22-6585** Junior Hacksaw
- R99-5386** PVC Tape
- E00-6124** Tube gauge
- J04-6467** Tube Reamer
- S83-6198** Mills Tri Head Duct Cutter
- E72-6782** Bead Crimper
- E00-6691** Large Capacity Duct Cutter 0-30mm
- F02-3638** Screwdriver Set
- S14-3440** Safety Gauntlets
- R99-6590** Mills Wipes
- E22-6373** 5m Tape Measure
- E12-6630** Connector Plier
- S26-5924** Bolle Safety Glasses (not laser protective)
- M99-6914** Mini Millslite Cree LED Zoom Lens Torch



*Contents may vary slightly, please visit millsitd.com for the latest listing.

PART NO.	DESCRIPTION	PRICE
A10-6184	MILLS BLOWN FIBRE TOOLKIT No.2	346.65

MILLS BLOWN FIBRE MICRODUCT CUTTER - 0-14MM

A compact plastic duct cutter with PTFE coated blade for precision cutting of micro ducts up to a diameter of 14mm with minimal effort incorporating a one handed locking system. Length: 133mm.



PART NO.	DESCRIPTION	PRICE
E00-7292	MILLS MICRODUCT CUTTER 0-14MM	13.44
E00-6419	SPARE BLADE FOR MICRODUCT CUTTER	6.13

MILLS BLOWN FIBRE DUCT CUTTER 0-22 MM

A heavy duty plastic duct cutter with PTFE coated blade for precision cutting of ducts up to a diameter of 22 mm with minimal effort. This tool incorporate a one handed locking system.



PART NO.	DESCRIPTION	PRICE
E00-6974	A) MILLS BLOWN FIBRE DUCT CUTTER 0-22 MM	18.49
E00-6975	B) REPLACEMENT BLADE FOR DUCT CUTTER 0-22 MM	7.16

MILLS BLOWN FIBRE MICRODUCT TUBE CUTTER 0-12MM

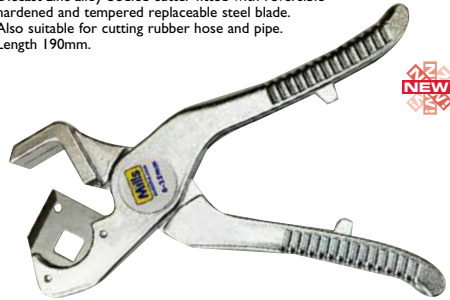
Designed to give a clean, straight cut to the blown fibre microduct before inserting into a connector.



PART NO.	DESCRIPTION	PRICE
E00-6641	MILLS BLOWN FIBRE TUBE CUTTER - 0-12MM	4.32

MILLS BLOWN FIBRE DUCT CUTTER 6MM - 25MM

Diecast zinc alloy bodied cutter fitted with reversible hardened and tempered replaceable steel blade. Also suitable for cutting rubber hose and pipe. Length 190mm.



PART NO.	DESCRIPTION	PRICE
E00-4673	MILLS BLOWN FIBRE DUCT CUTTER 6-25MM	16.82
E00-1968	REPLACEMENT BLADE FOR MILLS BLOWN FIBRE DUCT CUTTER 6MM - 25MM	9.68

MILLS TRI-HEAD DUCT CUTTER

An innovative plastic duct cutter with a revolving head giving three duct ranges suitable for the most popular sizes of tubes used in the fibre blowing industry:

- Position 1 - Ducts from 0 to 8mm
- Position 2 - Ducts from 9mm to 18mm
- Position 3 - Ducts from 19mm to 25mm

The tri-head duct cutter also benefits from an S2 high speed steel cutting blade and can be locked in the closed position for storage. Overall length: 215mm.



PART NO.	DESCRIPTION	PRICE
S83-6198	MILLS TRI-HEAD DUCT CUTTER	28.79
S83-4816	SPARE BLADE FOR TRI-HEAD DUCT CUTTER	5.10

**SUBDUCT CUTTER
3-30MM**

Fully adjustable tube and sub duct cutter adjustable from 3-30mm. The cutter benefits from two guide rollers for ease of use.



PART NO.	DESCRIPTION	PRICE
E00-6691	SUBDUCT CUTTER	19.12

**MILLS SUBDUCT
CUTTER 6-35MM**

A circumferential cutter for use on Sub-duct with an outside diameter of 6-35mm. The ratchet mechanism provides a smooth cutting action with minimal effort. The cutting blade can be easily cleaned or replaced without the need to open the body of the cutter.

PART NO.	DESCRIPTION	PRICE
S83-6910	MILLS SUBDUCT CUTTER	25.70
S83-6911	SPARE BLADE FOR MILLS SUBDUCT CUTTER	8.19

HEAVY DUTY RATCHET 42MM DUCT CUTTER

Heavy Duty Ratchet Pipe Cutter for ducts up to 42mm, manufactured from die cast aluminium with black vinyl grips.



PART NO.	DESCRIPTION	PRICE
S83-6787	HEAVY DUTY RATCHET 42MM DUCT CUTTER	25.64

HEAVY DUTY RATCHET 60MM DUCT CUTTER

Heavy Duty Ratchet Pipe Cutter for ducts up to 60mm, manufactured from die cast aluminium with black vinyl grips

Also suitable for cutting PVC, polybutylene, MDP, polyethylene, HEP20®, plastic overflow pipe, plastic electrical conduit, supertube, mini trunking, rubber hose, pneumatic pipe and electrical sleeving



PART NO.	DESCRIPTION	PRICE
S83-6973	HEAVY DUTY RATCHET 60MM DUCT CUTTER	53.84

**MILLS END CUTTING
DUCT TOOL (CROCODILE)**

Specialist microduct cutter with a 90 degree rotating head mechanism allowing the tool to end cut and side cut microduct up to an outside diameter of 10mm, making it essential in awkward access areas. The tool benefits from a locking catch for blade security when not in use and also features comfort grip handles for repetitive applications. Overall length: 175mm.



PART NO.	DESCRIPTION	PRICE
E00-6670	MILLS END CUTTING DUCT TOOL (CROCODILE)	25.70

OPT T0133 BFT INTERCEPT CUTTER

The OPT Blown Fibre Tube (BFT) Intercept Cutter is designed to cut a window in the sheath of a (7x 6 mm) 7BFT where a Tube Intercept Joint (TIJ) is to be fitted. It cuts both circumferentially and longitudinally, which allows a window to be made in the sheath enabling access to an individual BFT within the length of a pre-installed 7BFT Bundle.



PART NO.	DESCRIPTION	PRICE
E00-5750	OPT T0133 BFT INTERCEPT CUTTER	165.20

MILLS CUTTER LONGITUDINAL 1A

This tool can be used to strip the sheath longitudinally from around blown fibre microduct or other Telco style cable without damaging it. The unwanted tube which surrounds the fibre can be stripped off with ease.



PART NO.	DESCRIPTION	PRICE
E00-0470	CUTTER LONGITUDINAL 1A	51.00
E00-3816	SPARE BLADE FOR CUTTER LONGITUDINAL 1A	10.96

MILLS LONGITUDINAL & CIRCUMFERENTIAL SHEATH STRIPPING TOOL

A specialist ratchet cable slitter with a reversible double-ended replaceable blade with adjustable cutting depth 0-5mm for each unique cable application that can be used for both longitudinal and circumferential stripping on most cables upto 25mm.

The sheath stripper will slit most jacket materials and is capable of both midspan entry or end cable stripping applications.

Ref: 127420.



PART NO.	DESCRIPTION	PRICE
E00-7643	MILLS LONGITUDINAL & CIRCUMFERENTIAL SHEATH STRIPPING TOOL	51.00

MILLS TUBE REAMING & DEBURRING TOOL

A handy essential tool for deburring or reaming the internal surface of plastic blown fibre tubes from 2mm to 12mm, prior to the installation of a connector. The tapered cone contains a long lasting abrasive coating and the tool benefits from bi-material comfort grip handle.



PART NO.	DESCRIPTION	PRICE
J04-6467	MILLS TUBE REAMING & DEBURRING TOOL	6.03

MILLS MICRODUCT ROUNDING TOOL

A simple yellow nylon multistep rounding tool for re-forming internal diameters of microducts..

The rounding tool has an overall length of 75mm and is optimised for re-forming of microducts with internal diameters:

- 3.5mm
- 6mm
- 8mm
- 10mm

Supplied in packs of 4.



PART NO.	DESCRIPTION	PRICE
C00-4452	MICRODUCT ROUNDING TOOL (PK4)	7.60

INTERNAL / EXTERNAL DEBURRER 6-35MM

A heavy duty all metal tool used for the deburring of large subducts.



PART NO.	DESCRIPTION	PRICE
J04-9321	INTERNAL / EXTERNAL DEBURRER 6-35MM	57.85

MILLS 6 IN 1 BLOWN FIBRE CRIMPER / TUBE CUTTER



The 6 in 1 tool is designed for use by both the Plan and Build and Lead to Cash engineers. The 6 different functions are:

1. Tube cutter
2. Bead crimper
3. Manifold tube measurement guide
4. Tube reforming nipple
5. Gas and Water block activation tool
6. 30mm splice protector fibre guide

PART NO.	DESCRIPTION	PRICE
E00-5480	6 IN 1 BLOWN FIBRE TOOL	17.51

BEAD CRIMPER & GUIDE BEADS

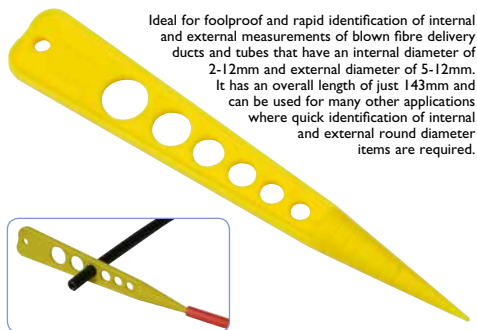
A specialist crimping tool for attaching fibre blowing leader beads to fibre prior to installation. Suitable for crimping bullets 2-8mm. Guide beads available separately in packs of 25.



PART NO.	DESCRIPTION	PRICE
E72-6782	BEAD CRIMPER	11.28
E00-4855	GUIDE BEADS FOR 2/4 FIBRE PK25	10.56
E00-4856	GUIDE BEADS FOR 8/12 FIBRE PK25	7.73

MILLS TUBE MEASURING GAUGE

A handy tool for measuring the inside and outside diameter of blown fibre tubes.



Ideal for foolproof and rapid identification of internal and external measurements of blown fibre delivery ducts and tubes that have an internal diameter of 2-12mm and external diameter of 5-12mm. It has an overall length of just 143mm and can be used for many other applications where quick identification of internal and external round diameter items are required.

PART NO.	DESCRIPTION	PRICE
E00-6124	MILLS TUBE MEASURING GAUGE	1.96

MICRODUCT BALL END GUIDE ATTACHMENT

The Microduct Ball End Guide Attachment is a simple 16mm ball end with screw that is screwed into the end of a Microduct allowing it to act as a guide when being pushed through existing flexible or rigid ductwork.



PART NO.	DESCRIPTION	PRICE
S00-7664	MICRODUCT BALL END GUIDE ATTACHMENT	5.10

MICRODUCT STRAIGHT CONNECTOR

Push fit straight microduct connectors, available in 5, 7 and 8mm sizes and supplied in packs of 50.



PART NO.	DESCRIPTION	PRICE
Q69-2586	MICRODUCT STRAIGHT CONNECTOR 5MM PKT OF 50	27.78
Q69-2584	MICRODUCT STRAIGHT CONNECTOR 7MM PKT OF 50	27.78
Q69-2582	MICRODUCT STRAIGHT CONNECTOR 8MM PKT OF 50	27.78

MILLS LONG REACH BLOWN FIBRE DUCT CONNECTOR PLIERS

A specialist tool designed for the installation and removal of blown fibre connectors with body diameters of 10-16mm. The tool has an overall length of 270mm and is ideal for difficult to reach places.



PART NO.	DESCRIPTION	PRICE
E12-6630	MILLS LONG REACH DUCT CONNECTOR PLIERS	10.25

COLLET LOCKING TOOL

Used to securely lock microduct joiners and connectors.



PART NO.	DESCRIPTION	PRICE
E00-0451	COLLET LOCKING TOOL	5.15

CONNECTOR REDUCERS

A range of connectors for joining microducts of the most common different sizes.

Sizes specified are outer diameters.



PART NO.	DESCRIPTION	PRICE
Q69-6729	CONNECTOR REDUCER 7MM TO 5MM	19.78
Q69-6731	CONNECTOR REDUCER 8MM TO 5MM	23.28
Q69-7691	CONNECTOR REDUCER 8MM TO 7MM	31.93
Q69-6732	CONNECTOR REDUCER 10MM TO 8MM	28.84
Q69-6735	CONNECTOR REDUCER 12MM TO 10MM	29.36
Q69-6737	CONNECTOR REDUCER 14MM TO 12MM	30.69
Q69-6738	CONNECTOR REDUCER 16MM TO 12MM	40.69

CONNECTOR END CAPS

A range of end caps for sealing open microducts of the most common sizes in order to prevent dirt or water entry.

Sizes specified are outer diameters.



PART NO.	DESCRIPTION	PRICE
Q69-6741	CONNECTOR END CAP 5MM	2.21
Q69-6743	CONNECTOR END CAP 7MM	1.08
Q69-6744	CONNECTOR END CAP 8MM	1.13
Q69-6745	CONNECTOR END CAP 10MM	1.29
Q69-6746	CONNECTOR END CAP 12MM	1.55
Q69-6747	CONNECTOR END CAP 14MM	2.01
Q69-6748	CONNECTOR END CAP 16MM	2.73

A) BLOWING CALIBRATION PELLETS

Blowing Calibration Pellets supplied in a pack of 100.



A



B) CATCHER FOR CALIBRATION PELLETS AND SPONGES - 8MM FITTING

A heavy duty stainless steel catcher for use on blown fibre installations to catch calibrator pellets and cleaning sponges.



B



PART NO.	DESCRIPTION	PRICE
S00-6406	A) BLOWING CALIBRATION PELLETS PKT 100	31.21
S00-6708	B) CATCHER FOR CALIBRATION PELLETS AND SPONGES	5.10
S00-6605	C) CLEANING SPONGE FOR 3.5MM MICRODUCT PKT 10	3.97
S00-7176	C) CLEANING SPONGE FOR 5.0MM MICRODUCT PKT 10	5.05
S00-7177	C) CLEANING SPONGE FOR 8.0MM MICRODUCT PKT 10	8.97
S00-7178	C) CLEANING SPONGE FOR 10.0MM MICRODUCT PKT 10	9.89
S00-7179	C) CLEANING SPONGE FOR 12.0MM MICRODUCT PKT 10	10.98

C) CLEANING SPONGE FOR MICRODUCT

Cleaning sponge for microduct. Supplied in a pk of 10 for various microduct sizes.



C



MILLS LIGHT WAND MICRODUCT TRACER 20M

The Light Wand Microduct Tracer has been designed to identify the correct blowing tube when used in conjunction with the C00-6118 10mW Visual Fault Locator.



PART NO.	DESCRIPTION	PRICE
E00-6530	MILLS LIGHT WAND MICRODUCT TRACER 20M	139.95

BLOWN FIBRE TRACER WIRE 300M

A specialist 1.8mm blowable 300m cable with copper conductor which has been designed to assist the installer trying to trace and identify buried microducts.

The tracer wire is supplied on a standard blown fibre reel and can be used with most fibre blowing machines, using 1.8mm adaptor plates.

Once blown into the microduct the tracer wire can be connected to a standard Genny Signal Generator C00-7896 and identified using a standard CAT Cable Avoidance Tool C00-7895.



PART NO.	DESCRIPTION	PRICE
S00-7581	BLOWN FIBRE TRACER WIRE 300M	123.55

MILLS MICRODUCT PRESSURE AND INTEGRITY TEST KIT

The Mills Microduct Pressure and Integrity Test Kit is an essential piece of kit for all blown fibre installers.

The kit is optimised to suit 7mm and 8mm microduct installations and contains a blown fibre inflator with air flow gauge for measuring the microduct integrity and identification of air leaks. In addition the kit contains a 7 compartment storage with 8mm to 7mm reducers as well as a calibrator pellet and sponge catcher. The test kit is supplied with a Mills microduct cutter in an ABS storage case with foam insert.

Dimensions: 422 x 246 x 114mm.

Please note:

B) C00-6697 Blown Fibre Air Inflator and

C) S83-6189 Air Flow Gauge may also be purchased separately.



PART NO.	DESCRIPTION	PRICE
C00-3851	A) MILLS MICRODUCT PRESSURE AND INTEGRITY TEST KIT	249.95
C00-6697	B) BLOWN FIBRE AIR INFLATOR	61.75
S83-6189	C) AIR FLOW GAUGE	61.75

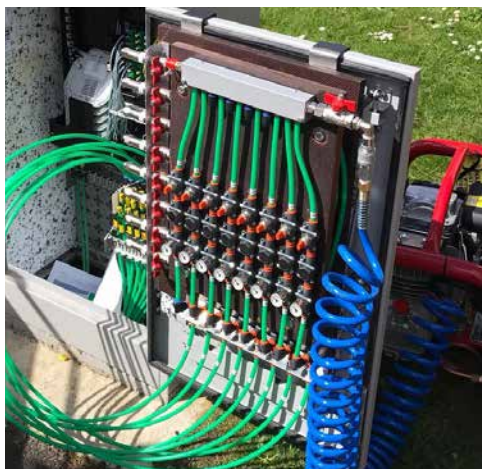
FTTH MICRODUCT TESTING RIG (PRESSURISE, CALIBRATE & CATCH) 8 WAY

The FTTH Microduct Testing Rig is a major time saver and has been designed for multiple duct commissioning and will pressure test, calibrate and prove up to 8 microducts in one simple test operation.

The rig can be hung on most cabinet doors and comprises an 8 way manifold fed by one air supply. Eight microducts can then individually be pressure tested and calibration pellets introduced and collected, making the rig ideal for quick and easy commissioning.

The rig is currently available to suit 8 mm microducts but can be ordered to suit other duct sizes on request.

Air compressor not included.



PART NO.	DESCRIPTION	PRICE
S83-7249	FTTH MICRODUCT TESTING RIG	1,024.85

FISPY MICRODUCT FAULT IDENTIFIER

The FiSpy is an innovative new product using smart technology to detect micro duct faults. Its patented process identifies a micro duct or micro ducts within a multiduct environment. This removes the risk of identification errors and the cutting of ducts, minimising the time and cost traditionally spent fault finding.

One button operation makes the FiSpy easy to use with simple green or red LED indication to identify faults.

The FiSpy has a low cost of ownership and maintenance, is user friendly, with a compact design. It works with 5mm, 7mm and 8mm interchangeable head sizes, and a robust IP67 ruggedised case.



PART NO.	DESCRIPTION	PRICE
C00-7562	A) FISPY MICRODUCT FAULT IDENTIFIER MAIN UNIT	309.00
C00-9325	B) 5MM HEAD (ONLY) FOR FISPY	125.00
C00-9324	B) 7MM HEAD (ONLY) FOR FISPY	125.00
C00-7563	B) 8MM HEAD (ONLY) FOR FISPY	125.00

FIBRE JOINTER'S KIT - IN MILLS TOTE BAG

A toolkit comprising the essential tools required for general fibre jointing & basic copper jointing applications. This version supplied in a Tote Bag.



*Contents may vary slightly, please visit millsltd.com for the latest listing.

Kit comprises:

- B70-0600** Mills Utility Tote Bag With Cover Flap
- C00-6409** 0.45l Sharps Bin
- C00-8296** 4 oz IPA Dispenser
- E00-0470** Longitudinal Stripper
- E00-1113** Cable Cutter 10.5mm
- E00-6912** Mills Stripper Fibre 1A
- E00-3021** 100 Pair Cutter
- E00-3646** Mills MasterClass 1000V 3 Piece Plier Set
- E00-5480** Mills 6 In 1 Blown Fibre Preparation Tool
- E00-5878** Ideal Loose Tube Stripper 3.5 - 5.5mm
- E00-7700** Ideal Fibre Stripper 6.5 - 14mm
- E00-6170** Mills Masterclass Fibre Optic Stripper 3 Hole
- E00-9575** Drop Fibre 36 Fibre Optic Stripper
- E70-5001** Mills Masterclass Cable Ringing Tool (4.5 - 25mm)

- E72-2010** 10" Tin Snips
- F02-3638** Mills Masterclass 1000V Screwdriver Set
- H72-6381** 8" Adjustable Wrench
- J53-1012** 1/2lb Cross Pein Hammer
- J53-1014** 1lb Cross Pein Hammer
- J62-8167** 10" Cold Chisel with Grip
- K51-1006** 6" Steel Rule
- E22-6373** Eco-Tools 5M Tape Measure
- M14-6915** LED Inspection Light
- N12-7957** Knife Pocket No. 2
- N56-1458** 6" Hand File
- N70-7868** Cable Scissors
- E22-6585** Junior Hacksaw
- N70-6372** 12" General Purpose Hacksaw
- R99-1210** Black PVC Tape
- S26-1069** Safety Spectacles
- S57-3005** Cable Tie Gun
- C71-6895** Sharpie Pen (PK 2)

PART NO.	DESCRIPTION	PRICE
A10-6200	FIBRE JOINTER'S KIT - IN MILLS TOTE BAG	379.86

FIBRE JOINTER'S KIT - IN MILLS TOOL BOX

A toolkit comprising the essential tools required for general fibre jointing & basic copper jointing applications. This version supplied in a Mills Tool Box.



*Contents may vary slightly, please visit millsltd.com for the latest listing.

Kit comprises:

- B70-8209** Mills Heavy Duty Toolbox
- C00-6409** 0.45l Sharps Bin
- C00-8296** 4 oz IPA Dispenser
- E00-0470** Longitudinal Stripper
- E00-1113** Cable Cutter 10.5mm
- E00-6912** Mills Stripper Fibre 1A
- E00-3021** 100 Pair Cutter
- E00-3646** Mills MasterClass 1000V 3 Piece Plier Set
- E00-5480** Mills 6 In 1 Blown Fibre Preparation Tool
- E00-5878** Ideal Loose Tube Stripper 3.5 - 5.5mm
- E00-7700** Ideal Fibre Stripper 6.5 - 14mm
- E00-6170** Mills Masterclass Fibre Optic Stripper 3 Hole
- E00-9575** Drop Fibre 36 Fibre Optic Stripper
- E70-5001** Mills Masterclass Cable Ringing Tool (4.5 - 25mm)
- E72-2010** 10" Tin Snips

- F02-3638** Mills Masterclass 1000V Screwdriver Set
- H72-6381** 8" Adjustable Wrench
- J53-1012** 1/2lb Cross Pein Hammer
- J53-1014** 1lb Cross Pein Hammer
- J62-8167** 10" Cold Chisel with Grip
- K51-1006** 6" Steel Rule
- E22-6373** Eco-Tools 5M Tape Measure
- M14-6915** LED Inspection Light
- N12-7957** Knife Pocket No. 2
- N56-1458** 6" Hand File
- N70-7868** Cable Scissors
- E22-6585** Junior Hacksaw
- N70-6372** 12" General Purpose Hacksaw
- R99-1210** Black PVC Tape
- S26-1069** Safety Spectacles
- S57-3005** Cable Tie Gun
- C71-6895** Sharpie Pen (PK 2)

PART NO.	DESCRIPTION	PRICE
A10-6201	FIBRE JOINTER'S KIT - IN MILLS TOOL BOX	374.20

FIBRE JOINTER'S KIT - IN MILLS TOOL BACKPACK

A toolkit comprising the essential tools required for general fibre jointing & basic copper jointing applications. This version supplied in a Mills Tool Backpack.



*Contents may vary slightly, please visit millsltd.com for the latest listing.

Kit comprises:

- B72-6595** Mills Tool Backpack
- C00-6409** 0.45l Sharps Bin
- C00-8296** 4 oz IPA Dispenser
- E00-0470** Longitudinal Stripper
- E00-1113** Cable Cutter 10.5mm
- E00-6912** Mills Stripper Fibre 1A
- E00-3021** 100 Pair Cutter
- E00-3646** Mills MasterClass 1000V 3 Piece Plier Set
- E00-5480** Mills 6 In 1 Blown Fibre Preparation Tool
- E00-5878** Ideal Loose Tube Stripper 3.5 - 5.5mm
- E00-7700** Ideal Fibre Stripper 6.5 - 14mm
- E00-6170** Mills Masterclass Fibre Optic Stripper 3 Hole
- E00-9575** Drop Fibre 36 Fibre Optic Stripper
- E70-5001** Mills Masterclass Cable Ringing Tool (4.5 - 25mm)

- E72-2010** 10" Tin Snips
- F02-3638** Mills Masterclass 1000V Screwdriver Set
- H72-6381** 8" Adjustable Wrench
- J53-1012** 1/2lb Cross Pein Hammer
- J53-1014** 1lb Cross Pein Hammer
- J62-8167** 10" Cold Chisel with Grip
- K51-1006** 6" Steel Rule
- E22-6373** Eco-Tools 5M Tape Measure
- M14-6915** LED Inspection Light
- N12-7957** Knife Pocket No. 2
- N56-1458** 6" Hand File
- N70-7868** Cable Scissors
- E22-6585** Junior Hacksaw
- N70-6372** 12" General Purpose Hacksaw
- R99-1210** Black PVC Tape
- S26-1069** Safety Spectacles
- S57-3005** Cable Tie Gun
- C71-6895** Sharpie Pen (PK 2)

PART NO.	DESCRIPTION	PRICE
A10-6202	FIBRE JOINTER'S KIT - IN MILLS TOOL BACKPACK	402.68

FIBRE SPLICER'S KIT No.1 - IN MILLS FIBRE TOOL BAG

A fibre splicer's toolkit designed to be used in association with a Fusion Splicer that features the essential products required for most splicing applications. This version of the Fusion Splicer's Toolkit No.1 is supplied in a Mills Fibre Tool Bag.

Kit comprises:

B70-6917 Mills Fibre Tool Bag
C71-6895 Sharpie Pen (PK 2)
M99-5489 Mills LED Headtorch
E00-5004 Kevlar Scissors
E00-6170 Mills Masterclass 3-Way Fibre Stripper
N72-6375 Spring Back Knife
E70-5001 Fibre Ringing Tool
E00-0470 Cutter Longitudinal 1A
E15-1276 125mm Straight Tweezer
F70-4267 No 1 x 75mm Pozidrive Screwdriver

F70-4291 Slotted Screwdriver 100mm x 6mm
C00-3038 Lint free Wipes Pack of 100
E00-1113 Cable Cutter 10.5mm Capacity
C00-6408 0.30 Litre Sharps Box
S26-5924 Bolle Safety Glasses (not laser protective)
M99-6914 Mini Millslite Cree LED Zoom Lens Torch

*Contents may vary slightly, please visit millsitd.com for the latest listing.

PART NO.	DESCRIPTION	PRICE
A10-6193	SPLICER'S KIT No.1 - IN MILLS FIBRE BAG	166.65

FIBRE SPLICER'S KIT No.1 - IN MILLS TOOL ROLL

A fibre splicer's toolkit designed to be used in association with a Fusion Splicer that features the essential products required for most splicing applications. This version of the Fusion Splicer's Toolkit No.1 is supplied in a tool roll.

Kit comprises:

B72-7900 Tool Roll
C71-6895 Sharpie Pen (PK 2)
M99-5489 Mills LED Headtorch
E00-5004 Kevlar Scissors
E00-6170 Mills Masterclass 3-Way Fibre Stripper
N72-6375 Spring Back Knife
E70-5001 Fibre Ringing Tool
E00-0470 Cutter Longitudinal 1A
E15-1276 125mm Straight Tweezer
F70-4267 No 1 x 75mm Pozidrive Screwdriver
F70-4291 Slotted Screwdriver 100mm x 6mm
C00-3038 Lint free Wipes Pack of 100
E00-1113 Cable Cutter 10.5mm Capacity
C00-6408 0.30 Litre Sharps Box
S26-5924 Bolle Safety Glasses (not laser protective)
M99-6914 Mini Millslite Cree LED Zoom Lens Torch

*Contents may vary slightly, please visit millsitd.com for the latest listing.

PART NO.	DESCRIPTION	PRICE
A10-6194	SPLICER'S KIT No.1 - IN MILLS TOOL ROLL	159.80

FIBRE SPLICER'S KIT No.1 - IN MILLS TOOL BACKPACK

A fibre splicer's toolkit designed to be used in association with a Fusion Splicer that features the essential products required for most splicing applications. This version of the Fusion Splicer's Toolkit No.1 is supplied in a Mills Tool Backpack and comprises:

Kit comprises:

B72-6595 Mills Tool Backpack
C71-6895 Sharpie Pen (PK 2)
M99-5489 Mills LED Headtorch
E00-5004 Kevlar Scissors
E00-6170 Mills Masterclass 3-Way Fibre Stripper
N72-6375 Spring Back Knife
E70-5001 Fibre Ringing Tool
E00-0470 Cutter Longitudinal 1A
E15-1276 125mm Straight Tweezer
F70-4267 No 1 x 75mm Pozidrive Screwdriver

F70-4291 Slotted Screwdriver 100mm x 6mm
C00-3038 Lint free Wipes Pack of 100
E00-1113 Cable Cutter 10.5mm Capacity
C00-6408 0.30 Litre Sharps Box
S26-5924 Bolle Safety Glasses (not laser protective)
M99-6914 Mini Millslite Cree LED Zoom Lens Torch

*Contents may vary slightly, please visit millsitd.com for the latest listing.

PART NO.	DESCRIPTION	PRICE
A10-6079	SPLICER'S KIT No.1 - IN MILLS TOOL BACKPACK	196.01

FIBRE SPLICER'S KIT No.2 - IN MILLS EUROCASE

A comprehensive fibre splicer's toolkit designed to be used in association with a Fusion Splicer, and covering all the major tooling products required for most splicing applications. This variant of the Mills Fusion Splicers Toolkit No.2 is supplied in a Mills Eurocase.



Kit comprises:

- B72-4262** Mills Eurocase
- M99-5489** Mills Headtorch
- E00-5004** Kevlar Scissors
- C00-6119** Visual Fault Locator
- M99-6914** Mini Millslite Cree Led Zoom Lens Torch
- E00-6170** Mills Masterclass 3-Way Fibre Stripper
- N72-6375** Spring Back Knife
- E00-0470** Mills Cutter Longitudinal IA
- E70-5001** Fibre Ringing Tool
- H01-1528** Metric Ball End Hex Key set
- C00-8296** 4oz IPA Dispenser
- F70-4266** No.0 x 60mm Pozidrive Screwdriver
- F70-4267** No.1 x 75mm Pozidrive Screwdriver
- F70-4291** Slotted Screwdriver 100mm x 6mm
- T94-1120** 9 Compartment Parts Box
- E70-4253** 160mm Combination Plier
- E70-4255** 150mm Side Cutting Plier
- E22-6585** Junior Hacksaw
- E22-6373** Eco-Tools 5M Tape Measure
- E00-3021** Cable Cutter Hand No 2
- E00-1113** Cable Cutter 10.5mm Capacity
- C00-6408** 0.3 Litre Sharps Bin
- C05-5800** 1.25mm CleanClicker
- C05-5802** 2.5mm CleanClicker
- C05-3966** Connector Cleaner
- C05-1312** Cleanwipes
- C05-3967** Cleanwipes Cube
- S26-5924** Bolle Safety Glasses (not laser protective)
- C71-6895** Sharpie Pen (PK 2)

*Contents may vary slightly, please visit millsltd.com for the latest listing.

PART NO.	DESCRIPTION	PRICE
A10-6195	SPLICER'S KIT No.2 - IN MILLS EUROCASE	549.71

FIBRE SPLICER'S KIT No.2 - IN MILLS WIDE MOUTH TOOL BAG

A comprehensive fibre splicer's toolkit designed to be used in association with a Fusion Splicer, and covering all the major tooling products required for most splicing applications. This variant of the Mills Fusion Splicers Toolkit No.2 is supplied in a Mills Wide Mouth Tool Bag.



*Contents may vary slightly, please visit millsltd.com for the latest listing.



Kit comprises:

- B72-5810** Mills Wide Mouth Toolbag
- M99-5489** Mills Headtorch
- E00-5004** Kevlar Scissors
- C00-6119** Visual Fault Locator
- M99-6914** Mini Millslite Cree Led Zoom Lens Torch
- E00-6170** Mills Masterclass 3-Way Fibre Stripper
- N72-6375** Spring Back Knife
- E00-0470** Mills Cutter Longitudinal IA
- E70-5001** Fibre Ringing Tool
- H01-1528** Metric Ball End Hex Key set
- C00-8296** 4oz IPA Dispenser
- F70-4266** No.0 x 60mm Pozidrive Screwdriver
- F70-4267** No.1 x 75mm Pozidrive Screwdriver
- F70-4291** Slotted Screwdriver 100mm x 6mm
- T94-1120** 9 Compartment Parts Box
- E70-4253** 160mm Combination Plier
- E70-4255** 150mm Side Cutting Plier
- E22-6585** Junior Hacksaw
- E22-6373** Eco-Tools 5M Tape Measure
- E00-3021** Cable Cutter Hand No 2
- E00-1113** Cable Cutter 10.5mm Capacity
- C00-6408** 0.3 Litre Sharps Bin
- C05-5800** 1.25mm CleanClicker
- C05-5802** 2.5mm CleanClicker
- C05-3966** Connector Cleaner
- C05-1312** Cleanwipes
- C05-3967** Cleanwipes Cube
- S26-5924** Bolle Safety Glasses (not laser protective)
- C71-6895** Sharpie Pen (PK 2)

PART NO.	DESCRIPTION	PRICE
A10-6196	SPLICER'S KIT No.2 - IN MILLS TOOL BAG	473.44

FIBRE SPLICER'S KIT No.2 - IN STANLEY FATMAX WATERPROOF TOOLBOX

*Contents may vary slightly, please visit millsltd.com for the latest listing.

A comprehensive fibre splicer's toolkit designed to be used in association with a Fusion Splicer, and covering all the major tooling products required for most splicing applications. This variant of the Mills Fusion Splicers Toolkit No.2 is supplied in a Stanley Fatmax 23" waterproof toolbox.



Kit comprises:

- B70-3347** Stanley Fatmax Waterproof Toolbox
- M99-5489** Mills Headtorch
- E00-5004** Kevlar Scissors
- C00-6119** Visual Fault Locator
- M99-6914** Mini Millslite Cree Led Zoom Lens Torch
- E00-6170** Mills Masterclass 3-Way Fibre Stripper
- N72-6375** Spring Back Knife
- E00-0470** Mills Cutter Longitudinal IA
- E70-5001** Fibre Ringing Tool
- H01-1528** Metric Ball End Hex Key set
- C00-8296** 4oz IPA Dispenser
- F70-4266** No.0 x 60mm Pozidrive Screwdriver
- F70-4267** No.1 x 75mm Pozidrive Screwdriver
- F70-4291** Slotted Screwdriver 100mm x 6mm
- T94-1120** 9 Compartment Parts Box
- E70-4253** 160mm Combination Plier
- E70-4255** 150mm Side Cutting Plier
- E22-6585** Junior Hacksaw
- E22-6373** Eco-Tools 5M Tape Measure
- E00-3021** Cable Cutter Hand No 2
- E00-1113** Cable Cutter 10.5mm Capacity
- C00-6408** 0.3 Litre Sharps Bin
- C05-5800** 1.25mm CleanClicker
- C05-5802** 2.5mm CleanClicker
- C05-3966** Connector Cleaner
- C05-1312** Cleanwipes
- C05-3967** Cleanwipes Cube
- S26-5924** Bolle Safety Glasses (not laser protective)
- C71-6895** Sharpie Pen (PK 2)

PART NO.	DESCRIPTION	PRICE
A10-6197	SPLICER'S KIT No.2 - IN FATMAX TOOLBOX	477.82

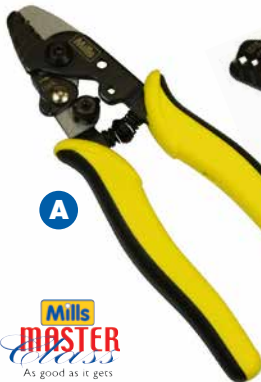
**A) MILLS MASTERCLASS
3-WAY FIBRE OPTIC STRIPPER**

Features high frequency heat treated / induction hardened cutting edges that ensure repeatable precision cutting & stripping to the very highest tolerances, whilst offering extreme durability.

The strippers further benefit from bi-material comfort grip handles for repetitive use.

The three stripping edges are ideal for general fibre installation and assembly work, covering the following applications:

- Stripping & removal of 2mm outer jacket
- Stripping 900µm buffer insulation
- Stripping 250µm acrylate coating



A

**B) MILLS MASTERCLASS
5-WAY FIBRE OPTIC STRIPPER**

Features high frequency heat treated / induction hardened cutting edges that ensure repeatable precision cutting & stripping to the very highest tolerances whilst offering extreme durability.

The strippers further benefit from bi-material comfort grip handles for repetitive use.

The five stripping edges are ideal for general fibre installation and assembly work, covering the following applications:

- Strips outer jacket from 2.0 – 2.4mm fibre
- Strips outer jacket from 2.8 – 3.0mm fibre
- Strips loose tube from 2.0 – 3.0mm fibre
- Strips 900µm buffer insulation
- Strips 250µm acrylate coating



B

**C) MILLS MASTERCLASS
SINGLE HOLE FIBRE STRIPPER**

A classic 'contractor' single hole fibre stripper for stripping 250µm acrylate buffer coating from 125µm optical fibre. The stripper features high frequency heat treated / induction hardened cutting edges which ensure repeatable precision cutting and stripping to the very highest tolerances whilst offering extreme durability

The strippers further benefit from bi-material comfort grip handles for repetitive use.



C

PART NO.	DESCRIPTION	PRICE
E00-6170	A) MILLS MASTERCLASS 3-WAY FIBRE OPTIC STRIPPER	22.56
E00-6175	B) MILLS MASTERCLASS 5-WAY FIBRE OPTIC STRIPPER	33.94
E00-2530	C) MILLS MASTERCLASS SINGLE HOLE FIBRE STRIPPER	19.95

**MILLER 'TRI-HOLE'
FIBRE OPTIC STRIPPER**

Three-hole model performs all common fibre stripping functions in one compact tool.

- Standard 250 to 125µm stripping
- Removes 900 tight buffer to 250µm buffer coating
- Hole for removal of 2 to 3mm fibre jackets



PART NO.	DESCRIPTION	PRICE
E00-7712	MILLER TRI-HOLE STRIPPER	54.55

**MILLER FIBRE OPTIC
BUFFER STRIPPER 10A**

The industry standard original Miller 10A tool used for stripping 250µm primary acrylate coating (buffer) from 125µm optical fibre. All cutting surfaces are precision formed, hardened, tempered and ground assuring precise buffer removal.



PART NO.	DESCRIPTION	PRICE
E00-2021	MILLER FIBRE STRIPPER 10A	31.55

MILLS FIBRE STRIPPER 1A

A compact fibre optic cable stripper for circumferential and longitudinal stripping. At just 73mm long this versatile fibre stripper is ideal for stripping in confined spaces.

The stripper uses two 'V' groove steps (0-3.2mm and 3mm- 6.4mm) making it suitable for circumferential and longitudinal stripping of most fibre optic cables up to a maximum diameter of 6.4mm.



PART NO.	DESCRIPTION	PRICE
E00-6912	MILLS FIBRE STRIPPER 1A	15.40
E00-4829	SPARE BLADES FOR FIBRE STRIPPER 1A PK2	4.82

JONARD FIBRE CABLE STRIP & RING TOOL

Designed to slit and ring cables, buffer tubes and jackets on fibre optic cables up to 7.5mm (0.3") in diameter. The tool features an easily adjustable slit blade and ring blade as well as a removable and reversible V block that improves slitting performance and accommodates smaller to larger diameter cables.

- For 1.2-7.5mm outer diameter cables
- Ring & Slit functions



PART NO.	DESCRIPTION	PRICE
E00-6414	JONARD FIBRE CABLE STRIP & RING TOOL	27.55

IDEAL MULTICORE FIBRE/ COAX STRIPPER FOR 3.5-5.5MM

A precision clothes peg style stripper that is very compact and simple to use. The adjustable blades can be set for any depth to help ensure nick-free stripping on a variety of coaxial cables including twisted pair, tightly wrapped stranded cable, CATV, CB Antenna cable, SO, SJ, SJT with a diameter 3.2mm – 5.6mm (1/8" to 7/32). The stripper is supplied with one round and three straight blades. In addition the stripper can be used for circumferential and longitudinal stripping of fibre cables with a diameter of between 3.2mm – 5.5mm (1/8" to 7/32).



PART NO.	DESCRIPTION	PRICE
E00-5878	MULTICORE FIBRE/COAX STRIPPER FOR 3.5-5.5MM	24.77

IDEAL MULTICORE FIBRE/COAX STRIPPER FOR 6.5-14MM

A precision clothes peg style stripper that is very compact and simple to use. The adjustable blades can be set for any depth to help ensure nick-free stripping on a variety of coaxial cables including twisted pair, tightly wrapped stranded cable, CATV, CB Antenna cable, SO, SJ, SJT with a diameter 6.35mm – 14.29mm (1/4" – 9/16"). The stripper is supplied with one round and three straight blades. In addition the stripper can be used for circumferential and longitudinal stripping of fibre cables with a diameter of between 6.35mm – 14.29mm (1/4" – 9/16").



PART NO.	DESCRIPTION	PRICE
E00-7700	MULTICORE FIBRE/COAX STRIPPER FOR 6.5-14MM	35.25

IDEAL FIBRE/UTP/STP/COAX STRIPPER (5-8MM)

Stripper suitable for a range of cable types with an outside diameter of 5-8mm. Adjustable blades can be set for any depth to help ensure nick-free strips. Includes one round and three straight blades.



PART NO.	DESCRIPTION	PRICE
E00-3035	IDEAL FIBRE/UTP/STP COAX STRIPPER	19.08

IDEAL STRIPPER FIBRE 1A (UP TO 3.2MM)

Most commonly used to remove the secondary coating from loose jacket optical fibres or RG174/179/187 coax. Features 3 blades, one located on each side of the unit and one at the front for slitting. Blades can be adjusted individually for the type of strip desired, termination or window. For use on cables up to 3.2mm outer diameter.



PART NO.	DESCRIPTION	PRICE
E00-2018	IDEAL STRIPPER FIBRE 1A	23.19

MILLS MASTERCLASS STRIPPER CABLE SHEATH NO.5A

E00-6626 Mills Masterclass Stripper Cable Sheath No5A- Suitable for entering fibre or copper cable this is an exceptionally simple and robust stripper has capability to circumferentially and longitudinally strip sheath from cable 6-25mm. Dimensions: 94 x 49 x 40mm Colour – Yellow Ref: 062670



PART NO.	DESCRIPTION	PRICE
E00-6626	MILLS STRIPPER CABLE SHEATH NO.5A	20.55
E00-6627	SPARE BLADE FOR STRIPPER CABLE SHEATH NO.5A	4.07

MILLS MASTERCLASS CABLE RINGING TOOL

For fast stripping and removal of sheath from power and copper/ fibre telecom round cables to a depth of 4.75mm (3/16"). A small rotating blade accurately splits the circumference of the jacket, then by flicking a switch, the same blade will rotate 90° and is used to split the jacket down one side for easy removal.



PART NO.	DESCRIPTION	PRICE
E70-5001	MILLS MASTERCLASS CABLE RINGING TOOL	15.31
E70-5003	SPARE BLADE FOR CABLE RINGING TOOL	2.78

KABIFIX STRIPPER CABLE SHEATH NO.5

A stripping tool for circumferential and longitudinal stripping of cables up to a diameter of 28mm. In addition the tool is ideal for gaining access to the microducts in subducts. Suitable for both copper and fibre applications.



PART NO.	DESCRIPTION	PRICE
S83-0952	KABIFIX STRIPPER CABLE SHEATH NO.5	28.77

JONARD CABLE STRIPPER & RINGING TOOL

This Cable Sheath Stripper is used to ring-cut many types of tight buffer, loose tube buffer, breakout cables and other types of jacketed fibre cables. A slitting blade is built into the tool and can be used to slit open the cable sheath if needed. Depth of the cut has two adjustments for .018" or .031" thick plastic, rubber or fabric insulation, and can handle cable diameters from 1/8" to 3/8". One spare blade of each style is included with the tool. Also known as CT2860. Replacement stripping blades and ringing blades are also available.



PART NO.	DESCRIPTION	PRICE
E00-6422	JONARD CABLE STRIPPER & RINGING TOOL	55.48
E00-4824	REPLACEMENT STRIPPER BLADES PK 6	7.64
E00-4825	REPLACEMENT RING BLADES PK 6	7.64

**RIPLEY MILLER ACS+
CABLE SLITTER 4-28MM**

Designed for use on armoured fibre feeder, central tube & stranded loose tube fibre optic cables, as well as various other non-fibre armoured cables, the ACS Plus easily cuts through the polyethylene jacket and corrugated copper, steel or aluminium armour layer in one smooth step for cable diameters from 0.157" to 1.125" (4 to 28.6 mm) in 0.004" (0.1mm) increments without any additional tools.



PART NO.	DESCRIPTION	PRICE
E00-0983	RIPLEY MILLER ACS+ CABLE SLITTER	105.02
E00-0489	REPLACEMENT BLADE FOR ACS+ CABLE SLITTER	30.59

**MILLS KEVLAR
SCISSORS**

Lightweight scissors for cutting Kevlar® strength members found in fibre optic cables. The serrated scissor blades reduce slipping and the tool further benefits from ergonomic moulded handles. Length: 140mm Weight: 79g, Ref: 080470.



PART NO.	DESCRIPTION	PRICE
E00-5004	MILLS KEVLAR SCISSORS	13.60

**JONARD
CABLESABER™**

The Jonard Tools CableSaber™ is the ultimate tool for gaining mid-span access to armored or thick jacketed cables 4 mm-28.6 mm (0.157"-1.125") in diameter. This mid-span cable slit and ring tool also features an adjustable blade depth up to 5.5 mm (0.216")



PART NO.	DESCRIPTION	PRICE
E00-2851	JONARD CABLESABER™	87.47

**MILLS MASTERCLASS
CABLE & KEVLAR
SCISSORS**

Scissors for cutting copper cable and can also be used for cutting Kevlar strength members found in fibre optic cables.

The serrated scissor blades reduce slipping and the ergonomic, moulded handles provide comfort for both right and left-handed users. Length: 140mm.



PART NO.	DESCRIPTION	PRICE
N70-0350	MILLS MASTERCLASS CABLE SCISSORS 140MM	12.29

OPT T0199 JUMPER CABLE SHEATH STRIPPER

Longitudinal cable sheath stripper designed for 3mm fibre jumper cable. A simple longitudinal sheath cutting tool whereby the stripper is "drawn" longitudinally along the cable axis cutting the cable sheath into two sections.



PART NO.	DESCRIPTION	PRICE
E00-1409	OPT T0199 JUMPER CABLE SHEATH STRIPPER	39.99

**JONARD JIC-190 FLUSH CUT
KEVLAR CUTTER 150MM**

The Jonard Tools JIC-190 Flush Cut Kevlar® Cutters are designed to cut Kevlar®, cabling insulation, tape, cable ties, and other materials flush to the surface.

Features:

- Thin-nose jaws provide easy access into tight places and allow for flush cutting of Kevlar® to the fibre jacket
- Serrated edge holds Kevlar® in place for clean and precise cutting
- Non-serrated blade can be sharpened for continuous long life
- Spring-loaded thermoplastic rubber handles return to the open position for enhanced ergonomics and reduced hand fatigue



PART NO.	DESCRIPTION	PRICE
E00-1833	JONARD JIC-190 FLUSH CUT KEVLAR CUTTER 150MM	22.35

JONARD FIBRE OPTIC DROP CABLE SLITTER (SLIPPERY FISH)

Simplifies the slitting of drop cable jackets at the end of the cable or mid-span. Developed specifically for FTTH technicians working with flat fibre drop cables. For flat cables, where the width is .305"-.350" and the height is .155"-.185". These are the dimensions of a typical Corning SST-Drop flat cable with a jacket thickness of 0.03-0.04 inches. The tool will work on other cables with similar dimensions.

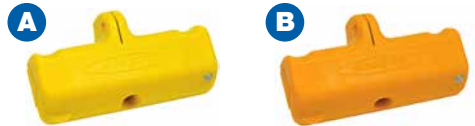
It slits both sides of the jacket giving easy access to the fibre or strength member. Simply position the tool around the cable, pull and slit. A simple twist of the cable allows the jacket and strength members to separate from the buffer tube leaving the fibre undamaged.



PART NO.	DESCRIPTION	PRICE
C00-6785	JONARD SLIPPERY FISH CABLE SLITTER	37.54
C00-6786	REPLACEMENT BLADES (PK 10)	1.55

MILLER MB04 SERIES FTTX DROP CABLE SLITTERS

Patent-pending design slits both sides of FTTX drop cable jackets on end or mid-span applications and allows for precise, safe and easy access to fibre buffer tube. Its unique articulating hinge allows accurate end and mid-span stripping without disassembling the tool - simply close the tool over the cable and pull to slit jacket. Includes two installed reversible blades and two additional spare blades stowed conveniently in the tool.



A) Flat Drop Cable Slitter compatibility: CommScope®, Corning, Draka/Comteq, OFS, Prysmian, Superior Essex

B) FTTX 36F Drop Cable Slitter compatibility: 11mm diameter cables from Corning, OFS, Prysmian, Hexatronic, Sterlite



PART NO.	DESCRIPTION	PRICE
C00-7681	A) MB04 FLAT SST DROP FIBRE SLITTER	31.53
E00-1530	B) MB04 FTTX 36F ULW OH DROP FIBRE SLITTER	48.52
C00-4356	REPLACEMENT BLADES (PK 4)	6.08

JONARD FOR-3000 ROUND FIBRE CABLE SLITTER

Round Cable Slitter is designed to easily and safely open round fibre optic cable jackets from 9 to 19 mm in diameter; providing easy fibre access for both mid span and end of cables.

Works on light armoured cables with easily replaceable with replacement blade E00-0976.



PART NO.	DESCRIPTION	PRICE
E00-0958	JONARD FOR-3000 ROUND FIBRE CABLE SLITTER	77.40
E00-0976	SPARE BLADE FOR JONARD FOR-3000 (PK 2)	68.64

JONARD WSS-4625 WEB SLITTER & SHAVING TOOL

Designed to slit and shave the webbing off messengered headline COAX cables and figure 8 fibre cables, ranging from 0.400"-0.625" (10.2 mm-15.9 mm) in diameter. Adjustment knob for the shaver tightens down cables for close shaving.

Locking mechanism provides increased leverage to easily penetrate thick webbing with shaving blade to remove excess webbing and provide a smooth surface for cable termination.



PART NO.	DESCRIPTION	PRICE
E00-1851	JONARD WSS-4625 WEB SLITTER & SHAVING TOOL	105.94

DROP CABLE, DROP FIBRE, DROPWIRE

The ideal tool for the fast and safe removal of the outer sheath for dropfibre cables. Lightweight, one piece moulded body with totally enclosed blades ensure a safe single handed push-on then pull-off operation in any working environment. The precisely calibrated blades guarantee no damage to the internal optical fibres or conductors. This tool is also factory set, therefore no adjustments are needed and it is ready to use out of the box. Available in 3 cable options;

- A) E68-4672 Hybrid Drop cable CW1846
- B) E68-6809 Optical Drop Fibre 12F
- C) E68-5487 Copper Dropwire 10A,11,12 & CAD55



PART NO.	DESCRIPTION	PRICE
E68-4672	A) HYBRID OVERHEAD DROP CABLE CW1846	16.63
E68-6809	B) DROP FIBRE 12F FIBRE OPTIC STRIPPER	18.49
E68-5487	C) STRIPPER DROPWIRE 10A	12.88

JONARD MID SPAN STRIPPERS

These PATENTED slit and ring tools are designed to open fibre jackets and loose buffer tubes to provide easy fibre access. One side of the tool slits fibre jackets and loose buffer tubes, the opposite side rings fibre jackets and loose buffer tubes. All this is done without damage to the fibre. Blades are replaceable. Note: MS-326 is designed for cables used in ducts and microducts.

Simple to use:

- 1 Select the correct groove. Grooves marked with the recommended cable size
- 2 Place the cable in the groove to be used
- 3 Note: The arrow on the top of the tool indicates the pulling direction and the line indicates the blade location
- 4 Close the tool making sure lock is engaged and pull to slit the cable
- 5 For ring operation use ring side of tool and repeat steps above, instead of pulling rotate the tool 3-6 times to ring the cable



PART NO.	A) E00-3608 (MS526)	B) E00-0962 (MS-426)	C) E00-3609 (MS336)	D) E00-7630 (MS326)	E) E00-3613 (MS316)	F) E00-3614 (MS306)	G) E00-6427 (MS26)	H) E00-6426 (MS6)
DESCRIPTION	MID SPAN SLIT & RING TOOL (9.8 MM-18.2MM)	MID SPAN SLIT & RING TOOL (5.8 MM-12 MM)	MID SPAN SLIT & RING TOOL (7.9-8.2 & 10.7-11.0 MM)	MID SPAN SLIT & RING TOOL (5 MM-10 MM)	MID SPAN SLIT & RING TOOL (2.9 MM-6.8 MM)	MID SPAN SLIT & RING TOOL (1.2 MM-3.3 MM)	MID SPAN SLITTER (2.9 MM-6.8 MM)	MID SPAN SLITTER (1.2 MM-3.3 MM)
NO OF GROOVES	8 (4 SLITTING, 4 RINGING)	8 (4 SLITTING, 4 RINGING)	4 (2 SLITTING, 2 RINGING)	10 (5 SLITTING, 5 RINGING)	10 (5 SLITTING, 5 RINGING)	12 (6 SLITTING, 6 RINGING)	5	6
GROOOVE SIZES	9.8-10.2 MM, 11.8-12.2 MM, 15.4-15.8MM, 17.8-18.2 MM	5.8-6.4 MM, 7.8-8.4MM, 9.8-10.4 MM, 11.2-12 MM	7.9-8.2 MM, 10.7-11.0 MM	5.0-5.6 MM, 6.0-6.6MM, 7.2-7.8 MM, 7.8-8.4 MM, 9.4-10 MM	2.9-3.6 MM, 3.6-4.4MM, 4.4-5.2 MM, 5.2-6.0 MM, 6.0-6.8 MM	1.2-1.5 MM, 1.5-1.8MM, 1.8-2.1 MM, 2.1-2.5 MM, 2.5-2.9MM, 2.9-3.3 MM	2.9-3.6 MM, 3.6-4.4 MM, 4.4-5.2 MM, 5.2-6.0 MM, 6.0-6.8MM	1.2-1.5 MM, 1.5-1.8 MM, 1.8-2.1 MM, 2.1-2.5 MM, 2.5-2.9 MM, 2.9-3.3 MM
CABLE DIAMETERS	9.8 MM-18.2 MM	5.8 MM-12 MM	7.9 MM & 10.7 MM	5 MM-10 MM	2.9 MM-6.8 MM	1.2 MM-3.3 MM	2.9 MM-6.8 MM	1.2 MM-3.3 MM
CABLE TYPES	CORNING ALTOS® WITH FASTACCESS®	THICK-WALLED JACKETS (UP TO 2.0 MM THICK)	CORNING'S MINIXTEND HD 288 AND 432	THIN-WALLED JACKETS	OUTER JACKETS, LOOSE BUFFER TUBES	OUTER JACKETS, LOOSE BUFFER TUBES	OUTER JACKETS, LOOSE BUFFER TUBES	OUTER JACKETS, LOOSE BUFFER TUBES
PRICE	135.92	134.29	89.65	87.15	84.52	72.15	72.05	65.41

REPLACEMENT BLADE	E00-3615 (MS-526RB)	E00-0974 (MS-426RB)	E00-3616 (MS-336RB)	E00-7633 (MS-326RB)	E00-3669 (MS-316)	E00-3672 (MS306RB)	E00-4826 (MS6427RB)	E00-6423 (MS6-RB)
DESCRIPTION	REPLACEMENT BLADES FOR MS-526	REPLACEMENT BLADES FOR MS-426	REPLACEMENT BLADES SET FOR MS-336	REPLACEMENT BLADES FOR MS-326	REPLACEMENT BLADES FOR MS-316	REPLACEMENT BLADES FOR MS-306	REPLACEMENT BLADES FOR MS-26	REPLACEMENT BLADES FOR MS-6
PRICE	64.89	62.04	40.07	43.97	51.40	46.74	29.03	29.03

MILLS MID SPAN ACCESS FIBRE SLITTER 1.5-3.3MM

A simple and effective longitudinal sheath stripper tool for easy removal of the outer sheath of most fibres with a diameter of 1.5mm to 3.3mm.

Once the fibre has been placed in one of the 4 preset grooves:

- 1.5 - 1.9mm
- 2.0 - 2.4mm
- 2.5 - 2.9mm
- 3.0 - 3.3mm

The 'Slitter' can simply be pulled along it's length, slitting the outer sheath into two halves.



PART NO.	DESCRIPTION	PRICE
E00-6625	MILLS MID SPAN ACCESS FIBRE SLITTER	19.59

RIPLEY MILLER MID-SPAN ACCESS TOOL FOR 5 SIZES

Features 5 cable slots: 1.9, 2.2, 2.5, 2.7, 3 mm.

Allows easy mid-span (window cut) access to optical fibres in loose buffer tubes.

Shaves precise opening to prevent fibre damage.



PART NO.	DESCRIPTION	PRICE
E00-4986	MID-SPAN ACCESS TOOL 5 SIZE	50.27
E00-4987	SPARE BLADES (PK5)	11.76

RIPLEY MILLER MSAT 16 MID SPAN ACCESS TOOL

The new MSAT® 16, designed to easily size and access fibres in loose tube cables ranging from 1 to 3 mm diameters in mid-span applications.

- 16 unique diameter settings accommodate loose tubes ranging from 1 mm to 3 mm.
- Convenient built-in sizing channels quickly determine proper setting for a wide variety of loose tube cables.
- It's self-aligning, easy-to-load buffer tube channel supports & guides the tube through precision shaving operation.
- Fixed stainless steel blades require no adjustments and are replaced easily.



PART NO.	DESCRIPTION	PRICE
E00-7241	RIPLEY MILLER MSAT 16 MID SPAN ACCESS TOOL	74.06
E00-3701	REPLACEMENT BLADES FOR MSAT 16	32.57

RIPLEY MILLER MSAT MID SPAN ACCESS KIT

A convenient kit for the fibre technician requiring mid-span access on fibres.

The complete kit comprises:

- FO 103S Series Fibre Optic Stripper
- KS-1 Series Fibre Optic Kevlar® Shears
- RCS-114 Series Cable Strippers For Hard Cable Jackets
- MSAT® 5 Series Mid-Span Fibre Access Tool
- MSAT® Micro Series Tool Body with 1.2 mm, 1.4 mm, 1.6 mm & 1.8 mm MSAT® Micro Inserts



PART NO.	DESCRIPTION	PRICE
E00-7415	RIPLEY MSAT MID-SPAN ACCESS KIT	209.89

JONARD RST-8514 RISER SLITTING TOOL

Designed to shave a longitudinal access window in round FTTH riser cables and microducts, this riser slitting tool is perfect for making access windows on cables 8 to 14 mm (0.33" to 0.55") in diameter without damaging the fibre inside. This tool features the following:

- Lightweight and narrow body can access closely spaced and surface mounted cables
- High carbon steel blade slices through any type of FTTH cable
- Factory-fixed blade requires no adjustments when working with different diameter cables
- Easily replaceable blades can be purchased separately (RST-RB25 replacement blades, pack of 25)



PART NO.	DESCRIPTION	PRICE
E00-7631	A) JONARD RST-8514 RISER SLITTING TOOL	77.72
E00-7634	B) SPARE BLADES (PK 25)	35.64

RIPLEY MILLER FIBRE TUBE SCORING TOOL

A uniquely designed precise one-step buffer tube scorer that scores tube sizes from 1.6mm to 6.0mm. Factory pre-fixed steel blade means no adjustment required.



PART NO.	DESCRIPTION	PRICE
E00-4743	FIBRE TUBE SCORING TOOL	13.27

RIPLEY MILLER RBT RISER BREAK-OUT TOOL

The Miller RBT Riser Break-out Tool is designed to cut an access window in 8.5mm, 10.5mm, and 14mm riser cable jackets without adjustment.

- Compact & lightweight tool designed to shave a longitudinal break-out window in riser cable in FTTH-MDU (multiple dwelling units) applications without damaging the fibre
- Features a narrow aluminum body to easily access closely spaced & surface-mounted riser cables
- Factory-set, high-carbon steel blade is recessed to prevent injury
- Fits into small areas for closely packed riser cables



PART NO.	DESCRIPTION	PRICE
E00-4536	MILLER RBT RISER BREAK-OUT TOOL	98.45

**OPT T0183 12F SLIPPERY FISH SST COF250
DROPWIRE CABLE SELF RODDING STRIPPER**

This stripper has a profiled cassette that makes two longitudinal parallel slits in the sheath on one side of a COF250, SST Drop Cable or 12f Flat Drop Wire Cable (typically as supplied by Corning).



PART NO.	DESCRIPTION	PRICE
E00-7200	OPT T0183 12F SLIPPERY FISH SST COF250 STRIPPER	110.15
E00-7201	REPLACEMENT CARTRIDGE FOR 12F SLIPPERY FISH STRIPPER	72.33

**OPT T0166 36F ULW DROP WIRE 1.5 MM
SHEATH STRIPPER**

The stripper has a profiled cassette that slits the sheath on a 36f Ultra-LightWeight (ULW) Overhead Dropwire Cable - 7 mm diameter with a 1.5 mm sheath wall thickness (typically as supplied by OFS).



PART NO.	DESCRIPTION	PRICE
E00-7195	A) OPT T0166 36F ULW DROP WIRE STRIPPER	110.15
E00-7196	B) REPLACEMENT CASSETTE FOR OPT T0166 STRIPPER	72.33

**OPT T0162 BFD/Cu DROPWIRE
CABLE WEB SEPARATOR**

The OPT Blown Fibre Droptube Copper Hybrid Cable Web Separator. Designed specifically to separate the web joining a 6 mm x 2.7 mm Blown Fibre Overhead Drop Wire to a cable consisting of 2 x 0.4 mm twisted pair copper conductors in a 'figure of eight' construction.

The tool separates the web joining the Blown Fibre Droptube (BFD) and copper element (containing a twisted pair) enabling the individual components to be terminated at both distribution pole and the customer's premises

The interchangeable anodised tool cassettes and covers (label coloured blue for this variant) are attached to a universal handle mechanism. The handle locking mechanism ensures the tool remains closed during the sheath slitting operation.



PART NO.	DESCRIPTION	PRICE
E00-5753	OPT T0162 BFD/Cu DROPWIRE WEB SEPARATOR	112.04
E00-1416	REPLACEMENT CARTRIDGE FOR OPT T0162 SEPARATOR	72.33

**OPT T0159 4/12F OVERHEAD DROP
CABLE SHEATH STRIPPER**

This stripper has a profiled cassette that slits the sheath on a 4/12f Overhead Dropcable - 6mm diameter with a 2mm sheath wall thickness (typically as supplied by Prysmian).



PART NO.	DESCRIPTION	PRICE
E00-1417	OPT T0159 4/12F OVERHEAD DROP CABLE STRIPPER	110.15
E00-1418	REPLACEMENT CARTRIDGE FOR OPT T0159 4/12F STRIPPER	72.33

OPT T0158 36F COF215 ULW OH STRIPPER

The OPT 36f COF215 Ultra-Lightweight Overhead Sheath Stripper is used to remove the sheath from 36f Ultra-Lightweight Over Head Drop Wire Cable.

It features a profiled cassette that slits the sheath on a 36f Ultra-LightWeight (ULW) Overhead Cable - 7 mm diameter with a 2 mm sheath wall thickness (typically as supplied by Prysmian).



PART NO.	DESCRIPTION	PRICE
E00-5751	A) OPT T0158 36F COF215 ULW OH STRIPPER	110.15
E00-1414	B) REPLACEMENT CASSETTE FOR OPT T0158 STRIPPER	72.33

OPT T0266 8F MINI FLAT DROP SHEATH STRIPPER

For slitting the sheath on a Corning 8F mini flat drop cable.

Features:

- Anodised aluminium components
- Hard wearing glass filled plastic outer
- User interchangeable cassette
- Wrist strap for safety working at height
- Dimensions 210 x 67 x 67mm
- Weight 350g

B) Replacement Cartridge for E00-3250 8F Mini Flat Drop Sheath Stripper



PART NO.	DESCRIPTION	PRICE
E00-3250	A) OPT T0266 8F MINI FLAT DROP SHEATH STRIPPER	110.15
E00-3251	B) OPT T0267 REPLACEMENT CARTRIDGE FOR E00-3250	72.33

ALL-IN-ONE FIBRE CABLE & KEVLAR CUTTER

Designed specifically to cut through Kevlar and steel wire reinforced fibre optic drop cables (including slippery fish and other hybrid cables) in one simple movement with just this one tool.

This specialist 160mm length diagonal side cutter is dropped forged from Chrome Vanadium Steel combined with Tungsten Alloy and benefits from a special high frequency induction hardened edge.

This gives the cutter the ability, strength and durability to easily cut steel strength members whilst maintaining a sharp enough edge to simultaneously neatly cut any Kevlar too, making it a truly unique tool.



PART NO.	DESCRIPTION	PRICE
E00-6885	ALL-IN-ONE FIBRE CABLE & KEVLAR CUTTER	19.52

HEAVY DUTY FIBRE CABLE CUTTER

A specialist shear cutter designed for cutting fibre drop cables containing strength members, steel wire rope, and is also ideal for cutting catenary wire. The cutter has heavy duty handles for repetitive applications and features an integrated spring with locking catch. Capacity 6mm and overall length 190mm.



PART NO.	DESCRIPTION	PRICE
E00-6861	MILLS HEAVY DUTY FIBRE CABLE CUTTER	26.48

MILLS CUTTER LONGITUDINAL 1A

This tool can be used to strip the sheath longitudinally from around blown fibre microduct or other Telco style cable without damaging it. The unwanted tube which surrounds the fibre can be stripped off with ease.



PART NO.	DESCRIPTION	PRICE
E00-0470	A) CUTTER LONGITUDINAL 1A	51.00
E00-3816	B) SPARE BLADE FOR CUTTER LONGITUDINAL 1A	10.96

MILLS LONGITUDINAL & CIRCUMFERENTIAL SHEATH STRIPPING TOOL

A specialist ratchet cable slitter with a reversible double-ended replaceable blade with adjustable cutting depth 0-5mm for each unique cable application that can be used for both longitudinal and circumferential stripping on most cables upto 25mm.

The sheath stripper will slit most jacket materials and is capable of both midspan entry or end cable stripping applications.
Ref. 127420.



PART NO.	DESCRIPTION	PRICE
E00-7643	MILLS LONGITUDINAL & CIRCUMFERENTIAL SHEATH STRIPPING TOOL	51.00

MILLS SPECIALIST HEAVY DUTY FIBRE OPTIC TOOLBAG

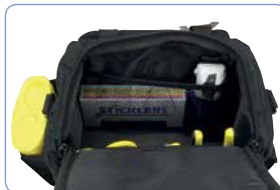
A specialist tool bag specifically designed for the fibre optic installer which is ideal for carrying all the essential tooling and test equipment for fibre splicing, cleaning and inspection. The Mills Heavy Duty Fibre Tool Bag features four external pockets, one specifically designed to accept the

Mills C00-6408 Sharps Box. In addition the bag has a further eight internal storage pockets.

For security and to prevent damage to fragile instruments and tooling the wall thickness is constructed from 12mm foam and the fibre

installers bag benefits from strong hook and loop type wrap around carry handles and adjustable shoulder strap.

Approx Dimensions:
32.5 x 22.5 x 18.5cm (12.5" x 9" x 7.5").



PART NO.	DESCRIPTION	PRICE
B70-6917	MILLS SPECIALIST FIBRE OPTIC TOOLBAG	20.55



MILLS COLD CURE FIBRE TERMINATION KIT

A specialist toolkit designed for cold cure fibre terminations and comprising all the essential tooling, consumables and inspection products required for field applications where electricity is not available. This version of the Mills Cold Cure Kit is available in three storage options: Tool & Laptop Bag, Stanley Fatmax Ruggedised Toolbox and Mills Eurocase

Kit comprises:

- C00-3530** Sapphire Cleaver
- E00-6170** Mills MasterClass 3-Way Fibre Stripper
- C00-6408** 0.3 Litre Sharps Box
- M99-5489** Mills LED Head Torch
- C00-7732** IPA Wipes
- R02-7029** Anaerobic Adhesive 50ml
- R02-7030** Aerosol Activator 150ml
- C00-7991** 10 x Syringes-Screw Type
- C00-7992** 10 x Needle tip for above
- C00-3051** Soft Polishing Pad
- C00-3039** 2.5mm Universal SC and ST Polishing Puck
- C00-8422** 1.25mm LC Polishing Puck
- C00-3040/Y** 5x 12 Micron Polishing Paper- Yellow
- C00-3043/G** 5x 1 Micron Polishing Paper- light green
- C00-3044/W** 5x 0.3 Micron Polishing Paper- White
- C00-7929** x 400 Microscope
- C00-7927** LC Adaptor for Microscope
- E00-5004** Kevlar Scissors
- S26-5924** Bolle Safety Glasses (not laser protective)
- M99-6914** Mini Millsite Cree LED Zoom Lens Torch
- C71-6895** Sharpie Pen (PK 2)

Plus your chosen tool storage option.

*Contents may vary slightly, please visit millsitd.com for the latest listing.



A
NEW!



B
NEW!



C
NEW!

PART NO.	DESCRIPTION	PRICE
A10-6185	A) COLD CURE KIT - IN MILLS TOOL & LAPTOP BAG	419.62
A10-6187	B) COLD CURE KIT - IN STANLEY FATMAX TOOLBOX	423.74
A10-6186	C) COLD CURE KIT - IN MILLS EUROCASE	486.57

CLEAVING TILE AND PEN CLEAVERS**A**

A pen type cleaver with pen clip lid. 30° wedge shaped carbide tip for quick and precise cleaving of optical fibre. Overall length: 132mm.

B

Ceramic cleaving tile, 50mm x 50mm.

PART NO.	DESCRIPTION	PRICE
C00-3029	A) CLEAVING TILE	32.44
C00-8421	B) FIBRE PEN CLEAVER, CARBIDE	17.20

MILLS PRECISION FIBRE CLEAVER

Mills Precision Fibre Cleaver with 'Auto Return IKO Japanese Rail' and 24 Position Precision Blade, rated for over 50,000 cleaves. This entry level cleaver is ideal for use with bare fibre adaptors and for most basic cleaving applications. The Mills fibre optic cleaver will cleave bare fibre up to a diameter of 125 µm and 250µm, 900µm Coated Fibre - (10-16mm Length).

The product is supplied with integral Fibre Dustbin and supplied in storage box.

Dimensions 76 x 65 x 63mm.

Weight: 450g.



PART NO.	DESCRIPTION	PRICE
C00-6984	MILLS PRECISION FIBRE CLEAVER	204.97

HEAT CURING EPOXY (RT153)

Industry standard heat curing adhesive, RT153 is available in 4g sachets containing exactly the correct quantities of resin & hardener. A 4g sachet would normally be sufficient to terminate 200 connectors.



PART NO.	DESCRIPTION	PRICE
C00-3031	RT153 EPOXY (PK 5 SACHETS)	8.79

FIBRE OPTIC CLEAVER

Designed for fibre cleaving applications that include field termination of fibre connectors and mechanical splices as well as laboratory applications. Small, lightweight and easy to use.

The "Score and Snap" leaf spring function is easy, fast and the preferred method for many fibre installers.

Produces a precise cleave endface angle of less than 2 degrees.

Cleaving tool is designed for single mode and multimode fibre with cladding O.D. of 125µ with no operator tool adjustments.

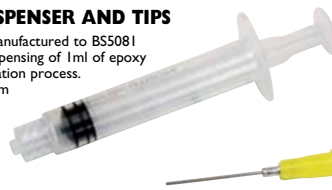


- Length: 4.84 in (124 mm)
- Height: 0.78 in (20 mm)
- Width: 1.56 in (40 mm)
- Weight: 2.1 ounces (60.0g)

PART NO.	DESCRIPTION	PRICE
C00-0495	FIBRE OPTIC CLEAVER	155.34

SYRINGE DISPENSER AND TIPS

Medical syringe manufactured to BS5081 & ISO7886 for dispensing of 1ml of epoxy during the termination process. Replacement 25mm tips available.



PART NO.	DESCRIPTION	PRICE
C00-7991	SYRINGE DISPENSER ONLY	0.29
C00-7992	NEEDLE TIPS 25MM	0.41

SHARPS DISPOSAL BINS 0.3L & 0.45L

Heavy duty yellow plastic welded construction sharps boxes with pop up lid and self sealing mechanism for security and ease of use. These cin bins also have an unobstructed opening, making it ideal for quick disposal of fibre waste, especially when emptying a cleaver waste bin.

A) 0.3L - Ideal for use in fibre toolkits. Dimensions 10.5cm x 5cm

B) 0.45L - Ideal for use in fibre toolkits or for a bench application and has fold away carrying handle. Dimensions 10.5cm x 5cm with a height of 17cm.

**NEW!**

PART NO.	DESCRIPTION	PRICE
C00-6408	A) SHARPS DISPOSAL BIN 0.3L	2.01
C00-6409	B) SHARPS DISPOSAL BIN 0.45L	2.67

SOFT POLISHING PAD

Provides a flat surface for polishing fibre optic connector end faces. Manufactured from neoprene, 40mm square with a thickness of 2.5mm.



PART NO.	DESCRIPTION	PRICE
C00-3051	NEOPRENE FIBRE OPTIC POLISHING PAD	7.98

FIBRE WORK AREA MAT

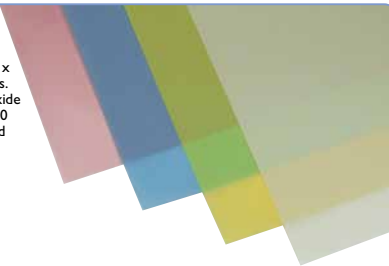


Black vinyl fibre optic polishing/work mat. Measures 22" x 14". It is dual purpose in nature, allowing fibre scraps to be seen easily and serving as a sub-surface for fibre polishing cloths. This resilient polishing mat depresses easily and lets you pick up fibre quickly for better polishing results.

PART NO.	DESCRIPTION	PRICE
C00-6882	FIBRE WORK AREA MAT	7.16

LAPPING FILMS

Available 215 x 280mm sheets. Aluminium oxide is packed in 50 while diamond is available individually.



ALUMINIUM OXIDE PACKETS OF 50

PART NO.	DESCRIPTION	PRICE
C00-3040	PACKET 50 12µM YELLOW PAPER	69.72
C00-3041	PACKET 50 9µM BLUE PAPER	69.72
C00-3042	PACKET 50 3µM PINK PAPER	69.72
C00-3043	PACKET 50 1µM LIGHT GREEN PAPER	77.64
C00-3044	PACKET 50 0.3µM WHITE PAPER	118.06

DIAMOND PAPER INDIVIDUAL SHEETS

PART NO.	DESCRIPTION	PRICE
C00-3045	1 SHEET 9µM BLUE PAPER	31.87
C00-3046	1 SHEET 6µM BROWN PAPER	33.27
C00-3047	1 SHEET 3µM PINK PAPER	33.27
C00-3048	1 SHEET 1µM LAVENDER PAPER	33.92
C00-3049	1 SHEET 0.5µM OFF WHITE PAPER	33.27

HAND POLISHING JIGS

Metal polishing pucks available for SC/FC, LC and ST connectors.

Used for polishing fibre optic connectors, these hockey pucks are machined to close tolerances, enabling you to achieve quality endface finishes.



PART NO.	DESCRIPTION	PRICE
C00-8417	A) POLISHING PUCK SC/FC	8.03
C00-8422	B) POLISHING PUCK LC	8.03
C00-8416	C) POLISHING PUCK ST	8.03

A) MILLS IPA DISPENSER 8OZ 250ML

Manufactured from high density polyethylene with a one handed dispensing pump making it ideal for delivering small amounts of IPA. The cap locks securely for storage and transportation purposes.



B) JONARD FD-220 220ML FLUID DISPENSER

The FD-220 Dispenser is designed to store and dispense cleaning fluids, such as isopropyl alcohol, to clean the end-faces of fibre optic cables.



C) IPA SOLVENT SPRAY

In 400ml aerosol can.

D) IPA MIX

A mix of 90% Isopropyl alcohol to 10% water.

PART NO.	DESCRIPTION	PRICE
C00-8296	A) MILLS IPA DISPENSER 8OZ 250ML	4.47
E00-0973	B) JONARD FD-220 220ML FLUID DISPENSER	7.13
C00-4827	C) IPA SOLVENT SPRAY 400ML	8.81
C00-3036	D) IPA WATER MIX 1 LITRE	9.92

COLD CURE ADHESIVE AND ACTIVATOR

A) LOCTITE 638 Adhesive 50ml

A specialist adhesive for cold cure fibre applications, which when used with the activator is ideal for bonding of connectors to cable prior to polishing.



B) LOCTITE 7649 Activator 150ml

A specialist activator for cold cure fibre applications, which when used with the adhesive, is ideal for bonding of connectors to cable prior to polishing.

PART NO.	DESCRIPTION	PRICE
R02-7029	A) LOCTITE 638 ADHESIVE 50 ML	54.31
R02-7030	B) LOCTITE 7649 ACTIVATOR 150 ML	13.15



DIVOT® BARE FIBRE ADAPTOR/TESTING DEVICE

Quickly connect test equipment to bare fibre. System utilises replaceable index matching gel cartridges resulting in quick low loss and low reflectance connections to your OTDR or other test systems.

- Internal replaceable cartridge filled with optical coupling compound
- No dipping, messy applicators or external reservoirs to fill
- Quickly test fibre without terminating
- Accepts non-cleaved fibre
- Low insertion loss
- Repeatable and Reusable
- LiteLOCK® Technology

The Divot® is designed to quickly connect to unterminated fibre for testing, servicing or communication requirements. Connect the patch cable included with the system to your test equipment and insert bare fibre into the end of the Divot® module.

Preparation of the bare fibre is easy. Simply strip and clean a few inches of fibre down to 125µm cladding. Cleave fibre leaving approximately 3/4" of bare fibre exposed. Insert the bare fibre into the Divot® module until it stops. The device will accept a non-cleaved fibre with a typical insertion loss of less than 0.8dB. Cleaved fibre will result in even lower insertion loss.

A) Divot® Bare Fibre Tester includes:

- Divot Module With Patch Cable
- 2 x OCC Cartridges
- Clean-out Wire
- Carry Case

**B) Divot® Replacement OCC Cartridge (PK3)****Divot® Replacement Sleeve Set:**

- Zirconia Sleeve x 1
- Phosphor Bronze Sleeve x 1

PART NO.	DESCRIPTION	PRICE
C00-6776	A) DIVOT® - SC SINGLEMODE	536.13
C00-6777	A) DIVOT® - SC/APC SINGLEMODE	528.21
C00-6778	B) DIVOT® REPLACEMENT OCC CARTRIDGE (PK3)	116.73
C00-6779	C) DIVOT® REPLACEMENT SLEEVE SET	52.09

PLC SPLITTERS

Fibre optic PLC splitters with un-terminated tails ends for splicing to optical cables as required. For use in PON-FTTx networks, CATV, outside plant equipment and DWDM / CWDM systems.

Fibre Type: 250um Bare Fibre Singlemode OS2 (G657A1).

Length: 1.5 metres.

Wavelength range: 1260-1650nm.

**PART NO. DESCRIPTION**

T70-3811	PLC SPLITTER 1:4 250UM BARE FIBRE SM 1.5M
T70-3812	PLC SPLITTER 1:8 250UM BARE FIBRE SM 1.5M
T70-3810	PLC SPLITTER 1:16 250UM BARE FIBRE SM 1.5M
T70-3813	PLC SPLITTER 1:32 250UM BARE FIBRE SM 1.5M

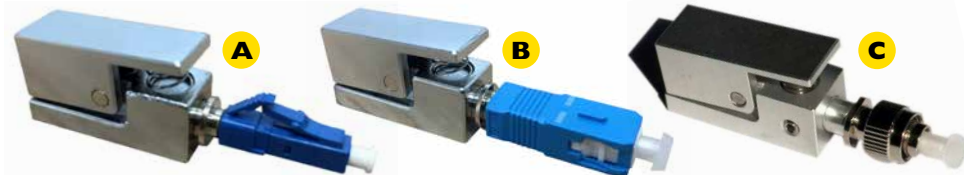
RING SALES FOR SPECIAL PRICES OR VISIT millsftd.com

JONARD FCT-200 FIBRE CONNECTOR TOOL

Designed to insert and extract LC connectors in high-density patch panels, the FCT-200 is the perfect tool for working with LC connectors in tightly packed bulkheads.



PART NO.	DESCRIPTION	PRICE
E00-0964	JONARD FCT-200 FIBRE CONNECTOR TOOL	25.75

**LOW COST BARE FIBRE ADAPTORS**

A range of low cost Bare Fibre Adaptors allowing the temporary connection of bare fibre to test equipment such as VFLs, Light Source and Power Meters.

PART NO.	DESCRIPTION	PRICE
C00-4766	A) LOW COST LC BARE FIBRE ADAPTOR	20.55
C00-4767	B) LOW COST SC BARE FIBRE ADAPTOR	20.55
C00-4768	C) LOW COST FC BARE FIBRE ADAPTOR	20.55

RENT THE KIT YOU NEED, when you need it, where you need it and for how long you need it, HASSLE FREE!




SUMITOMO
ELECTRIC




Anritsu
envision:ensure




FREMCO®

Renting Fibre Blowing Machines, Fusion Splicers and OTDRs from Mills gives you instant access to costly equipment, without the capital outlay.

It provides the flexibility your business requires to meet the rapid and everchanging equipment demands for your FTTx network build.



Whether you need a blowing machine, splicer or an OTDR for as little as a week for a short project, or for several months for a medium-term contract, Mills has an extensive fleet of the latest Fremco Fibre Blowing Machines, Sumitomo Fusion Splicers and Anritsu OTDRs available for you to hire from stock immediately.

Hiring with Mills offers you flexibility according to demand and avoids the need for capital investment.

You can pick and choose the kit you need to meet project timescales in a convenient and cost-effective manner.

Weekly hire fees enable you to keep a tight control of your cashflow, whilst you 'pay-as-you-go'.

It's straightforward and simple to hire from Mills. Our expert T&M and blowing specialists will assist in confirming the best solution for the job at hand. They will provide operation training on how to get the most out of the kit when delivering the to site - all this at no extra cost.

There are no hidden costs; all appropriate and necessary equipment, support, and logistics will be taken care of by Mills and included in the cost of the hire agreement.

Call Sales NOW For A Quote

A) SUMITOMO SPLICER T 72C+ KIT WITH CLEAVER

The new Sumitomo TYPE-72c+ offers a revolutionary splice loss of only 0.01dB (typical), can splice in 5 seconds in Quick Mode, has an improved heating time of 8 seconds and can perform up to 320 splices on a full charge

The TYPE-72C+ NanoTune™ technology, greatly improves splicing efficiency and of user skill, with the use of AI algorithms. This drastically reduces the need of splice reworks caused by poor cleaving, and thus it reduces overall costs. It's 5" touch screen display offers Smartphone-like easy operation.

Featuring SumiCloud™, a powerful tool that supports the TYPE-72C+ in the field. Using a smartphone, the splicer connects to the internet to Sumitomo's cloud services which include data management, asset management, firmware updates and maintenance support.

Its Preventive Maintenance feature enables users to be alerted of upcoming repairs or consumable replacement, thus reducing unexpected downtime.

Kit Contents:

- 1 x T-72C+ Fusion Splicer
- 1 x FC-6RS-C Cleaver
- 1 x BU-16/Li-ion 6400mAh 10.8V
- 1 x Power Supply module & Power Cord
- 1 x Cooling Tray
- 1 x Pair of ER-10 Electrodes
- 1 x CC-72 Carrying Case & Hand Strap
- 1 x USB cable (L=1.0M)
- 1 x Wireless LAN SD Card

For further information see millsstd.com



**SUMITOMO
ELECTRIC**

B) SUMITOMO SPARE ELECTRODES ER-10

Spare set of Sumitomo Electrodes ER-10 for use with T-25e, T-39, T-400S, T-66, T-55, T-57, T-71x, T-72C machines.



CALL OUR SALES
DEPARTMENT
OR VISIT OUR
WEBSITE FOR
SPECIAL PRICING

A) SUMITOMO T-72M12 RIBBON SPLICER KIT

The Sumitomo Type-72M12 Ribbon Fibre Fusion Splicer features the industry's only dual independent heaters and Auto Clamping Adjustment System "ACAS".

It offers an 11s splice in SM Quick Mode, 35s heat shrink time and battery capacity for 180 splice & heat cycles.

Featuring SumiCloud™, a powerful tool that supports the splicer in the field.

Using a smartphone, the splicer connects to the internet to Sumitomo's cloud services which include data management, asset management, firmware updates and maintenance support.

PLEASE NOTE: The type of ribbon fibre cable to be spliced will require a specific type of fibre holder from Sumitomo's comprehensive range (not included). Please contact sales on 020 88332626 to speak to sales to determine which fibre holder you require and to provide a quote.

Kit comprises:

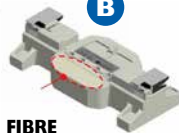
- T-72M12 splicer
- BU-16 battery
- PC-AC power cord with UK plug
- ADC-16 AC/DC adaptor
- T-39_SCT cooling tray
- Hand strap
- ER-10 electrodes
- Quick reference guide, English, printed A4
- Safety instructions
- CC-72 carrying case
- Shoulder strap for CC-72
- WLSLSD-0416 card
- USB cable, 1m



**SUMITOMO
ELECTRIC**

B) SUMITOMO OFA-01 FIBRE ARRANGEMENT TOOL

The Sumitomo OFA-01 organises up to 12 individual 200um or 250um silica glass fibres into temporary ribbons for mass fusion splicing.



CALL OUR SALES
DEPARTMENT
OR VISIT OUR
WEBSITE FOR
SPECIAL PRICING

PART NO.	DESCRIPTION
T-72M12-KIT	A) SUMITOMO T-72M12 RIBBON SPLICER KIT
C00-0766	B) SUMITOMO OFA-01 FIBRE ARRANGEMENT TOOL



SUMITOMO T-400S ACTIVE V-GROOVE FUSION SPLICER

The Sumitomo T-400S Active Clad Alignment fusion splicer enables all your FTTx splicing to be done with one machine. With a fast splicing time of only 6 seconds and heating time of 24 seconds the FTTx mission is completed as fast as possible.

The versatile standard Multi-Clamp (included) enables the splicing of:

- Drop cable to drop cable
- Drop cable to 2 or 3mm cord
- 250um primary coated fibres
- 900um secondary coated fibres (tight buffer & semi tight buffer)

For further information please see millsltd.com



CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING

PART NO.	DESCRIPTION
T-400S-KIT	SUMITOMO T-400S ACTIVE V-GROOVE FUSION SPLICER

SUMITOMO CLEAVER FC-6RS-C

Unprecedented Precision...Speed... Performance...and Reliability characterise Sumitomo Electric's new FC-6RS single fibre automatic blade rotation cleaver.

Featuring Sumitomo's patent pending auto blade rotation technology that eliminates the time consuming and error prone process of height and blade rotation adjustments, thereby increasing user friendliness, speed, precision, productivity, and the extension of the cleaver's maximum product life.

For user versatility, this precision cleaver also features a user selectable blade rotation option, backed by an impressively long blade life. The FC-6RS includes a convenient scrap collector

The FC-6R cleavers mark a new standard in advanced optical fibre cleaving.

Features:

- Industry's first and only 1 to 12-Fibre Ribbon Cleaver with Automatic Blade Rotation
- Precision Blade Features 24 Blade Positions with 2,000 Cleaves per Position
- Compatible with All Sumitomo Electric Fusion Splicers
- User Selectable Blade Rotation Options Include: Automatic Blade Rotation with Each Fibre Cleave, No Rotation, and Single Position Advance
- 48,000 Consecutive Fibre Cleaves Without User Manually Rotating the Blade or Adjusting Height
- RoHS Compliant



CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING

PART NO.	DESCRIPTION
FC-6RS-C-CLEAVER	A) SUMITOMO CLEAVER FC-6RS-C

SUMITOMO FC-8R-F PRECISION AU TO BLADE ROTATION CLEAVER

The FC-8R is Sumitomo Electric's newest one step optical fibre cleaver with automatic blade rotation. It is the ideal tool for use in fusion splicing, field termination, or any application that requires precision in a confined space.

This automatic blade rotation feature ensures that the user receives the maximum number of precision cleaves from each cleaver blade.

Suitable for 1-12Fibre Ribbon cable.

With each cleave, the blade is automatically rotated to a new scoring position on the cleaver blade.

A built-in extra large fibre scrap collector handles scrap fibres resulting from the cleaving process.

Supplied with AP-FC8 single fibre adaptor, Desktop Spacer and CC-8RSH semi-hard case

For other models please contact sales



CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING

PART NO.	DESCRIPTION
FC-8R-F	SUMITOMO FC-8R-F PRECISION AU TO BLADE ROTATION CLEAVER

THE MILLS POLEMATE SYSTEM

The Polemate range of products and accessories has been specifically designed in conjunction with telecom engineers to assist field operational staff with the installation of telecommunication equipment. The Polemate system comprises a pole-mounting base unit to which splicing trays and cable reel stands can quickly and easily be attached providing a stable platform whilst on site. In addition many of the components are interchangeable with the Mills Pitmate System, shown on page 65. The Mills Polemate system can be supplied as modular components or as a complete Polemate kit.



MILLS POLEMATE KIT

Kit comprises;

S83-7622 Base Unit

S83-7623 Rubber Wedge Spacers Pk3

S83-7629 Splicer's Work Tray

S83-7624 CBT Arm

S83-9327 Complete Kit



Polemate Base Unit



...with General Tray



...with Splicer's Tray



...with CBT Reel Arm

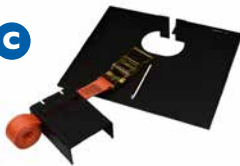
B



MILLS POLEMATE BASE UNIT

The foundation of the Polemate system is this Polemate Base Unit which comprises a 50mm wide x 1200mm long webbing ratchet strap and a pole back plate, which can be simply ratcheted to the desired height on the pole.

C



MILLS POLEMATE BASE UNIT WITH SPLICER'S WORKTRAY

This kit contains a 50mm wide x 1500mm long webbing strap with back plate, splice table with slicer tripod fixing 508mm x 408mm.

Strap Dimensions 50mm width x 1500mm in length. Splice Tray 508mm width x 408mm depth x 2mm thickness. Total weight 5.2Kg

D



SPLICER'S WORK TRAY

A purpose made splicers tray that simply slots into the S83-7622 Polemate Base Unit providing a firm work support for both joint, splicer, cleaver and associated tools.

Dimensions: Width 508mm x Depth 408mm x Thickness 2mm.

E



CBT ARM

A specialist 500mm long bracket for use in the installation and controlled de-reeling of CBT Cable Reel Assemblies up to a diameter of 830mm. The CBT Arm System allows the reel to be unreeled in a controlled manner due to the interference fit of the spindle flanges.

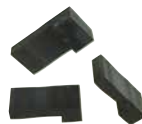
F



GENERAL WORKING TRAY

Easily slipped into the S83-7622 Mills Polemate Base Unit Bracket providing a firm work support for general service and maintenance applications. Dimensions: 508mm x 258mm

G



RUBBER WEDGE SPACER PK3

Pack of 3 wedge-shaped rubber spacers which can be used to prevent compression marks and avoid damage to vertically routed copper cables. Dimensions: Length 100mm x Width 50mm wide x Thickness 15/30mm.

PART NO.	DESCRIPTION	PRICE
S83-9327	A) MILLS POLEMATE KIT	228.20
S83-7622	B) MILLS POLEMATE BASE UNIT	34.97
S83-6958	C) MILLS POLEMATE BASE UNIT WITH SPLICER'S WORKTRAY	102.95
S83-7629	D) MILLS POLEMATE / PITMATE SPLICER'S WORK TRAY	67.98
S83-7624	E) MILLS POLEMATE / PITMATE CBT ARM	102.95
S83-7431	F) MILLS POLEMATE / PITMATE GENERAL WORKING TRAY	41.15
S83-7623	G) MILLS POLEMATE RUBBER WEDGE SPACER PK3	22.30



THE MILLS PITMATE SYSTEM

The Pitmate range of products and accessories has been specifically designed in conjunction with telecom engineers to assist field operational staff with the installation of telecommunication equipment. The Pitmate system comprises a Pitmate Base Unit which can be attached to the existing Mobra arms allowing splicing trays, cable reel stands and even umbrella stands to be quickly and easily attached providing a stable platform whilst on site. In addition many of the components are interchangeable with the Mills Polemate System, shown on page 64.

MILLS PITMATE KIT

Kit comprises;

S83-7629 Splicer's Work Tray

S83-7626 Mobra Arm Bracket

S83-7624 CBT Arm



Pitmate Base Unit

...with Splicer's Tray

...with General Tray

...with CBT Reel Arm



A

B



MOBRA ARM BRACKET

An adjustable bracket which can be fixed easily to the Mobra frame. The bracket can be adjusted to 6 different heights by use of the captive pin in 80mm increments, starting from a minimum height of 150mm to a maximum of 550mm.

C



CBT ARM

A specialist 500mm long bracket for use in the installation and controlled de-reeling of CBT Cable Reel Assemblies up to a diameter of 830mm. The CBT Arm System allows the reel to be unreeled in a controlled manner due to the interference fit of the spindle flanges.

D



SPLICER'S WORK TRAY

A purpose made splicers tray that simply slots into the S83-7622 Polemate Base Unit or Pitmate Mobra Arm Bracket (S83-7626) providing a firm work support for both joint, splicer, cleaver and associated tools.

Dimensions: Width 508mm x Depth 408mm x Thickness 2mm.

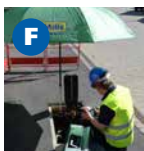
E



GENERAL WORKING TRAY

Easily slipped into the S83-7622 Mills Polemate Base Unit Bracket providing a firm work support for general service and maintenance applications. Dimensions: 508mm x 258mm

F



UMBRELLA CLAMP FOR MOBRA FRAME

An 'L' shaped clamp which quickly fixes to the Mobra frame. The umbrella clamp accepts most umbrellas with a stock of 18-34mm.



FOR
UMBRELLAS
SEE PAGE 187

PART NO.	DESCRIPTION	PRICE
S83-9326	A) MILLS PITMATE KIT	273.88
S83-7626	B) MILLS PITMATE MOBRA ARM BRACKET	99.95
S83-7624	C) MILLS POLEMATE / PITMATE CBT ARM	102.95
S83-7629	D) MILLS POLEMATE / PITMATE SPLICER'S WORK TRAY	67.98
S83-7431	E) A GENERAL PURPOSE WORK TRAY	41.15
S83-7625	F) MILLS PITMATE UMBRELLA CLAMP FOR MOBRA FRAME	92.65

MILLS WORK TRAY POLE SPLICING

The Mills Work Tray Pole Splicing has been specifically designed to assist engineers with installation and maintenance of BDUK Pole Fibre Distribution Points (FDP's)

It is manufactured from 2mm steel and has three universal secure mounting location tabs which allow the tray to easily be attached to the pole cabinet, centrally or biased to the left or right.

The tray dimensions are 500mm wide by 250mm deep with a 10mm lip to prevent loss of tools and materials. All corners have been radiused to prevent damage to fibre in addition to being designed to allow any excess rain water to easily drain away.

It is finished with a non-reflective black powder-coat paint.



PART NO.	DESCRIPTION	PRICE
C00-5919	MILLS WORK TRAY POLE SPLICING	38.70

MILLS SPLICEMATE PORTABLE SPLICER'S TABLE

Comprising an edged tray and fully adjustable tripod, the Splicemate is the ideal solution for both field and exchange engineers.

The splicer can be securely attached to the tray in multiple positions, using the 6mm captive tripod screws, allowing ample room for tools, cleaning products and accessories.

The splicing tray is manufactured from 2mm steel plate and measures 400mm deep x 500mm wide.

The underside of the tray has a threaded boss to allow the tripod to be located and quickly screwed into the tripod.

The professional grade tripod is manufactured from lightweight aluminium weighing less than 1.8kg and able to extend from a closed height of 43cm to a maximum height 146cm.

In addition the tripod is supplied with an S Hook to allow it to be weighted with a 5kg traffic bag (S00-6725).



PART NO.	DESCRIPTION	PRICE
S83-1857	MILLS SPLICEMATE PORTABLE SPLICER'S TABLE	208.73



STOOL FOLDING

The Mk2 Jointers Stool has been designed in conjunction with a major UK telecom utility and reflects the changing height and weight of the average adult jointer and is an upgraded version of the traditional 'Stool Folding'. The stool is tested to 150kg.

Height 39cm with a seat size of 40cm x 28.5cm



PART NO.	DESCRIPTION	PRICE
S13-4455	STOOL FOLDING JOINTERS MK2	19.61

MILLS SPLICEMATE PORTABLE SPLICER'S TABLE & TRIPOD

Comprising an edged tray and fully adjustable tripod, the Splicemate is the ideal solution for both field and exchange engineers. The tray is manufactured from 2mm steel plate and measures 400mm deep x 500mm wide and screw directly onto a professional grade tripod weighing less than 1.8kg and able to extend from a closed height of 43cm to a maximum height 146cm. In addition the tripod is supplied with an S Hook to allow it to be weighted with a 5kg traffic bag (S00-6725).



PART NO.	DESCRIPTION	PRICE
S83-1857	MILLS SPLICEMATE PORTABLE SPLICER'S TABLE & TRIPOD	208.73

FIBRE OPTIC SPLICERS CHAIR

Manufactured from heavy duty 25mm steel tube this quick fold chair has a 135kg (300lb) rating. The chair features a convenient side tray with cup holder, fabric storage / organiser system and is ideal for outdoor fibre splicing or cabinet work. Fibre tools and consumables are shown for illustrative purposes and are not included.

- Size: 48 x 34 x 86 (WxHxD)
- Weight: 6.16kg



PART NO.	DESCRIPTION	PRICE
S00-6995	FIBRE OPTIC SPLICERS CHAIR	53.51

PRO FLIP-TOP WORKBENCH

Heavy duty, professional workbench with rigid, square section steel frame. Large work surface with two 605 x 120mm work tops.

Adjustable table tops can be angled at 0°, 45° or 90°

- 150kg max load.
- Weight: 6.34kg
- Requires assembly



PART NO.	DESCRIPTION	PRICE
S83-0754	PRO FLIP-TOP WORKBENCH	22.94

FIBRE OPTIC SPLICER'S TABLES

Portable splicing tables, lightweight, with a sturdy and durable frame, available in square and rectangular options

A) Rectangular fibre optic splicer's table dimensions

Open size: 120 x 80 x 70 cm (W x D x H)

Folded size: 1200 x 80 x 6 cm (W x D x H)

Frame: Aluminium. Weight: 5.2 kg

B) Square fibre optic splicer's table dimensions

Open size: 80 x 80 x 70 cm (W x D x H)

Folded size: 80 x 80 x 6 cm (W x D x H)

Frame: Aluminium. Weight: 3.9 kg



PART NO.	DESCRIPTION	PRICE
S00-6997	A) FIBRE OPTIC SPLICER'S TABLE RECTANGULAR	89.16
S00-6996	B) FIBRE OPTIC SPLICER'S TABLE SQUARE	94.29

FOLDING WORKSTATION

A heavy duty foldable steel framed work bench, ideal for fibre splicing, which can be set up in seconds giving a working height of 755mm and able support up to 180kg.

The workbench is supplied with 2 x 300mm (12") clamps as standard which can be used for horizontal and vertical clamping.

Bench measures 850mm L x 550mm W with a weight of 12.25kg

Fold flat storage size: 850 x 550 x 115mm.



PART NO.	DESCRIPTION	PRICE
S83-2711	FOLDING WORKSTATION	69.95

MULTI-ANGLE VICE - 75MM (3IN) JAW

The multi-angle vice with 75mm (3") jaw width, features a ball joint which allows you to rotate your project a full 360° and lock it at any angle. The vice is supplied with removable rubber jaws and has a large C-clamp mount allowing it to be clamped to work surfaces up to 60mm (2.3/8in) thick
Jaw capacity: 75mm (3in).
Dimensions:
21 x 20.5 x 7.5cm



PART NO.	DESCRIPTION	PRICE
N70-2901	MULTI-ANGLE VICE - 75MM (3IN) JAW	20.55

BOSCH MOBILE WORKBENCH

A portable lightweight bench with scratch resistance wooden work surfaces, a vice that runs the full length of the bench and, for round and awkward shapes, there are clamping jaws that fit onto the working surface. There is storage for small items under the worktop. The top is 680mm x 550mm. Height 834mm, load capacity 200kg, weight 11.6kg. Supplied with 4 clamping jaws.



PART NO.	DESCRIPTION	PRICE
S00-7256	BOSCH MOBILE WORKBENCH	128.73

**MILLS FIBRE INSPECTION & CLEANING KIT No. 1
- IN MILLS FIBRE BAG**

*Contents may vary slightly, please visit millsitd.com for the latest listing.

An entry model fibre inspection toolkit covering all the essential products required for the vast majority of inspection and cleaning applications. This version of the Mills Inspection Kit No. 1 is supplied in a Mills Fibre Tool Bag.

**Kit comprises:**

- B70-6917** Mills Fibre Tool bag
- C00-6119** Visual Fault Locator
- C00-7929** 400x Microscope
- M99-7576** Mills LED Headtorch
- C00-9819** Clean Core Cassette
- C05-1309** 1.25mm Cleaning Sticks
- C05-1310** 2.5mm Cleaning Sticks
- C05-3966** Connector Cleaner
- C00-7732** IPA Wipes Pkt 50
- M99-6914** Mini Millslite Cree LED Zoom Lens Torch
- E00-6170** Mills 3 Way Fibre Stripper
- E00-5004** Kevlar Scissors
- C00-6408** 0.3 Litre Sharps Box
- S26-5924** Bolle Safety Glasses (not laser protective)
- C71-6895** Sharpie Pen (PK 2)

PART NO.	DESCRIPTION	PRICE
A10-6146	FIBRE INSPECTION KIT No. 1 - IN MILLS FIBRE BAG	366.37

**MILLS FIBRE INSPECTION & CLEANING KIT No. 1
- IN TOOL ROLL**

*Contents may vary slightly, please visit millsitd.com for the latest listing.

An entry model fibre inspection toolkit covering all the essential products required for the vast majority of inspection and cleaning applications. This version of the Mills Inspection Kit No. 1 is supplied in a Tool Roll.

**Kit comprises:**

- B72-7900** Tool Roll
- C00-6119** Visual Fault Locator
- C00-7929** 400x Microscope
- M99-7576** Mills LED Headtorch
- C00-9819** Clean Core Cassette
- C05-1309** 1.25mm Cleaning Sticks
- C05-1310** 2.5mm Cleaning Sticks
- C05-3966** Connector Cleaner
- C00-7732** IPA Wipes Pkt 50
- M99-6914** Mini Millslite Cree LED Zoom Lens Torch
- E00-6170** Mills 3 Way Fibre Stripper
- E00-5004** Kevlar Scissors
- C00-6408** 0.3 Litre Sharps Box
- S26-5924** Bolle Safety Glasses (not laser protective)
- C71-6895** Sharpie Pen (PK 2)

PART NO.	DESCRIPTION	PRICE
A10-6147	FIBRE INSPECTION KIT No. 1- IN MILLS TOOL ROLL	359.42

**MILLS FIBRE INSPECTION & CLEANING KIT No. 1
- IN TOOL & LAPTOP CASE**

*Contents may vary slightly, please visit millsitd.com for the latest listing.

An entry model fibre inspection toolkit covering all the essential products required for the vast majority of inspection and cleaning applications. This version of the Mills Inspection Kit No. 1 is supplied in a Mills Tool & Laptop Case.

**Kit comprises:**

- B72-0658** Mills Tool & Laptop Case
- C00-6119** Visual Fault Locator
- C00-7929** 400x Microscope
- M99-7576** Mills LED Headtorch
- C00-9819** Clean Core Cassette
- C05-1309** 1.25mm Cleaning Sticks
- C05-1310** 2.5mm Cleaning Sticks
- C05-3966** Connector Cleaner
- C00-7732** IPA Wipes Pkt 50
- M99-6914** Mini Millslite Cree LED Zoom Lens Torch
- E00-6170** Mills 3 Way Fibre Stripper
- E00-5004** Kevlar Scissors
- C00-6408** 0.3 Litre Sharps Box
- S26-5924** Bolle Safety Glasses (not laser protective)
- C71-6895** Sharpie Pen (PK 2)

PART NO.	DESCRIPTION	PRICE
A10-6784	FIBRE INSPECTION KIT No. 1 - IN TOOL & LAPTOP CASE	377.29

MILLS FIBRE INSPECTION & CLEANING KIT No. 2- IN MILLS FIBRE BAG



A comprehensive fibre inspection toolkit comprising a visual fault locator, microscope, full set of cleaning products for ports and connectors together with associated tooling. This version of the Mills Inspection Kit No.2 is supplied in a Mills Fibre Tool Bag.

Kit comprises:

- B70-6917** Mills Fibre Tool bag
- C00-6119** Visual Fault Locator
- C00-6408** 0.3 Litre Sharps Box
- C00-7929** 400x Microscope
- C05-1312** Cleanwipes
- C05-3966** Connector Cleaner
- C05-3967** Cleanwipes Cube
- C05-5800** 1.25mm CleanClicker
- C05-5802** 2.5mm CleanClicker
- C71-6895** Sharpie Pen (PK 2)
- E00-5004** Kevlar Scissors
- E00-6170** Mills 3 Way Fibre Stripper
- M99-7576** Mills LED Head Torch
- M99-6914** Mini Millslite Cree LED Zoom Lens Torch
- S26-5924** Bolle Safety Glasses (not laser protective)

*Contents may vary slightly, please visit millsltd.com for the latest listing.

PART NO.	DESCRIPTION	PRICE
A10-6148	FIBRE INSPECTION KIT No.2- IN MILLS FIBRE BAG	491.83

MILLS FIBRE INSPECTION & CLEANING KIT No. 2 - IN MILLS TOOL & LAPTOP CASE



A comprehensive fibre inspection toolkit comprising a visual fault locator, video inspection microscope, full set of cleaning products for ports and connectors together with associated tooling. This version of the Mills Inspection Kit No.2 is supplied in a Mills Tool & Laptop Case.

Kit comprises:

- B72-0658** Mills Tool & Laptop Case
- C00-6119** Visual Fault Locator
- C00-6408** 0.3 Litre Sharps Box
- C00-7929** 400x Microscope
- C05-1312** Cleanwipes
- C05-3966** Connector Cleaner
- C05-3967** Cleanwipes Cube
- C05-5800** 1.25mm CleanClicker
- C05-5802** 2.5mm CleanClicker
- C71-6895** Sharpie Pen (PK 2)
- E00-5004** Kevlar Scissors
- E00-6170** Mills 3 Way Fibre Stripper
- M99-7576** Mills LED Head Torch
- M99-6914** Mini Millslite Cree LED Zoom Lens Torch
- S26-5924** Bolle Safety Glasses (not laser protective)

*Contents may vary slightly, please visit millsltd.com for the latest listing.

PART NO.	DESCRIPTION	PRICE
A10-6149	FIBRE INSPECTION KIT No.2- IN TOOL & LAPTOP CASE	471.84

MILLS GPON INSTALLERS TOOLKIT

A Toolkit comprising the essential tools required for GPON Installations.

Contents:

- B72-5810** Mills Standard Tool Bag E72-6119 Mills Insulated Micro Shear Flush Cutter I10mm
- E00-5751** OPT T0158 36f ULW OH Dropwire Cable Sheath Stripper
- C00-6785** Jonard FOD-2000 Fibre Optic SST COF250 Drop Cable Slitter (Slippery Fish)
- C00-6786** Jonard SST Slippery Fish Cable Slitter Replacement Blades Pk 10
- E00-4743** Fibre Tube Scoring Tool
- E12-0364** Mills Heavy Duty Side Cutter Diagonal I30mm
- H01-1528** Mills Ball End Hex Key Set 1.5 - 10mm
- F70-4270** Mills MasterClass Professional Screwdriver Pozi 250mm x No.2
- J72-9588** Mills Claw Hammer Glass Fibre Shaft I6oz
- H72-6380** 6" Mills Adjustable Wrench
- H72-6383** 12" Mills Adjustable Wrench
- R99-6590** Mills Heavy Duty Antibacterial Handwipes - Tub of 75
- G84-1821** ¼" Drive Ratchet
- G84-1361** ¼" Drive I3mm Socket



*Contents may vary slightly, please visit millsltd.com for the latest listing.

PART NO.	DESCRIPTION	PRICE
A10-4586	MILLS GPON INSTALLERS TOOLKIT	231.75

STICKLERS™ FIBRE OPTIC CLEANING KIT

- Contains the most popular items for cleaning fibre optic connectors and bare fibre prior to splicing
- Delivers 800+ perfectly clean connectors per kit
- Bright colour makes it easy to locate and harder to leave behind
- Features the unique Sticklers™ fibre optic splice and connector cleaner
- Oversized bag to allow space for additional equipment
- Unregulated for transportation

Each kit contains:

- 2 x Sticklers™ Fibre Optic Splice & Connector Cleaner
- 50 x CleanStixx™ (30 x 2.5mm and 20 x 1.25mm)
- 1 x CleanWipe™ 90 Benchtop Wipes
- 1 x CleanWipe™ 400 Benchtop Wipes
- 25 x CleanWipe™ Outdoor Wipes
- 1 x LED inspection flash light



PART NO.	DESCRIPTION	PRICE
C05-1313	STICKLERS FIBRE OPTIC CLEANING KIT	66.28

A) LINT FREE WIPES PK 150

Non-woven wipe made from a hydro-entangled, 45/55 cellulose/polyester blend, for optimum purity in a nonwoven wipe. This wipe has excellent absorbency and contamination entrapment, as well as high strength suitable for general fibre cleaning applications.

**B) IPA WIPES PK 50 (PRE-SATURATED)**

These individually packaged, pre-saturated lint-free cleaning wipes contain 99% pure isopropyl alcohol for fibre cleaning applications, all-purpose cleaning and de-greasing. The wipes are made from a high quality, non-abrasive non-woven fabric.



PART NO.	DESCRIPTION	PRICE
C00-3038	A) LINT FREE WIPES PK 150	5.40
C00-7732	B) IPA WIPES PK 50	14.27

CLETOP STICKS

CleTOP Sticks – Stick format cleaners available in 2.5mm and 1.25mm widths – supplied in packets of 10.



PART NO.	DESCRIPTION	PRICE
C00-7040	A) 2.5MM CLETOP STICK PKT 10	9.66
C00-7041	B) 1.25MM CLETOP STICK PKT 10	9.66

STICKLERS™ FIBRE OPTIC SPLICE & CONNECTOR CLEANER

The industry's only product specifically engineered for cleaning fibre optic connectors or fibre before splicing.

- Non-hazardous, non-flammable, plastic-safe
- Fast drying - can't be trapped inside connectors
- Unique Triton™ spray cap is spill-proof & convenient
- Compatible with Sticklers™ CleanWipes™, Sticklers™ CleanStixx™, CleTOPs® and "One-Click" Tools

Supplied in an 85g non-pressurised travel safe container. Not regulated for transportation.



PART NO.	DESCRIPTION	PRICE
C05-3966	STICKLERS™ SPLICE & CON. CLEANER	11.58

STICKLERS™ FIBRE OPTIC CLEANWIPES™

- A) Outdoor CleanWipes™ - This unique wipe features a high-purity, lint-free fabric sealed in a water-proof, dust-proof protective package that is opened just before use. Supplied in packets of 50.
- B) Benchtop CleanWipes™ 90 - Lint free fabric wipes engineered for use on bare fibre before splicing, and also for cleaning fibre optic jumpers. They are exactly the right size and the right material to make "wet-dry" cleaning simple and cost-effective.
- Contains 90 perforated lint-free wipes, each wipe being 4" x 2" (10 cm x 5 cm). Each wipe can clean up to six fibre optic connectors or one bare fibre.
- C) Benchtop CleanWipes™ 600 - This high-modulus CleanWipe™ material won't rip, tear, shred or lint, for the best possible cleaning. Features soft wiping material that won't scratch end-faces. Colour-coded CleanSlots™ monitor the cleaning process. Eliminates static. Contains 100 wipes. Each wipe is suitable for six connector cleans (Duplex and Simplex type LC and SC connectors).

All Sticklers™ CleanWipes are designed to be used in conjunction with the Sticklers™ Fibre Optic Splice & Connector Cleaner.



PART NO.	DESCRIPTION	PRICE
C05-1311	A) OUTDOOR CLEANWIPES™ PKT 50	21.01
C05-1312	B) BENCHTOP CLEANWIPES™ PKT 90	6.27
C05-3967	C) BENCHTOP CLEANWIPES™ PKT 100	28.40

STICKLERS™ FIBRE OPTIC CLEANSTIXX™ (PK 50)

- A high-purity, lint-free, precision "swab" for cleaning fibre optic end-faces
- Moulded fibrous tip out-performs foam or cloth nibs
- Tip conforms to end-faces including APC
- Cleans the entire end-face, not just the contact area



PART NO.	DESCRIPTION	PRICE
C05-1309	(A) 1.25MM CLEANING STICK - GREEN (PK 50)	22.67
C05-1310	(B) 2.5MM CLEANING STICK - BLUE (PK 50)	22.67

STICKLERS CASSETTE CLEANCLICKER

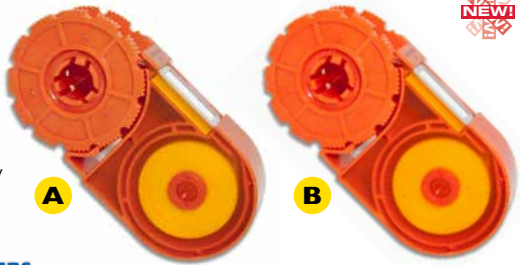
These Cassette CleanClicker Connector Cleaners have a clear housing window to make it easy for the operator to identify how much cleaning ribbon is remaining on the cassette. These cassette cleaners are a one time use cassette and use a micro-woven cleaning ribbon that is highly absorbent to wick away residues. The weave pattern combined with the ribbon's softness provides excellent wiping performance for removing dust particles without scratching the glass, ceramic and composite ferrule end faces. They are available in the following options:

A) C05-4803 cleans all standard single fibre connectors including SC duplex, LC duplex, FC, ST and E2000 connectors.

This version will also clean the female (no guide pins) MPO connectors.

B) C05-4591 is made to clean the male (with guide pin) MPO connectors.

The backing in the cleaning window is cut to accept the guide pins so the fibre array is being wiped effectively by the cleaning ribbon.



PART NO.	DESCRIPTION	PRICE
C05-4803	A) CLEANCLICKER - FOR STANDARD SINGLE FIBRE CONNECTORS	37.03
C05-4591	B) CLEANCLICKER - FOR MALE (WITH GUIDE PIN) MPO CONNECTORS	37.03

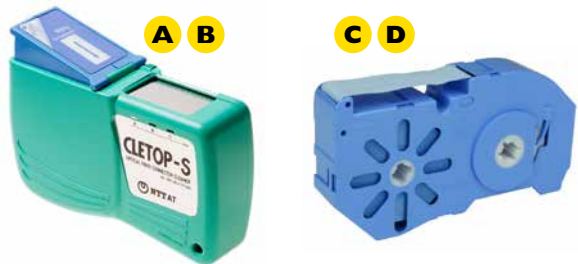
CLETOP-S FIBRE OPTIC CONNECTOR FERRULE END FACE CLEANER

The Original Cletop-S Fibre Optic Connector Ferrule End Face Cleaner.

CLETOP-S are cassette style fibre optic connector cleaner systems that can be refilled for reducing cleaning costs. They use densely woven micro-fibre cleaning fabrics to remove harmful contaminants off of the ferrule end face. The CLETOP and CLETOP-S cassette cleaning tools will accommodate all single fibre connections, giving up to 400 cleans per cassette- Available in Model A or B with replacement cassette as follows.

A) C00-0463 Type-S A: Designed for single 2.5 mm ferrules (FC, SC, SC2, ST, DIN and D4).

B) C00-7038 Type-S B: Designed for MU, LC, MT, MPO/MTP without pins, MT-RJ without pins (will also clean 2.5mm ferrules).



PART NO.	DESCRIPTION	PRICE
C00-0463	A) CLETOP-S TYPE A CASSETTE FIBRE OPTIC CLEANER	113.35
C00-7038	B) CLETOP-S TYPE B CASSETTE FIBRE OPTIC CLEANER	80.36
C00-0468	C) REPLACEMENT CARTRIDGE FOR C00-0463	27.89
C00-7039	D) REPLACEMENT CARTRIDGE FOR C00-7038	23.60

SEIKOH GIKEN HANDIMATE CLEANERS

This Seikoh Giken HandiMate in just one sliding motion enables to remove contamination such as dust or oil on optical connector end-face with cleaning cloth provides further usability and reliability to the users and achieving cleaning more than 500 times. Dimensions H110xV68xD28mm (Cap opened)-Available in two options:

A) Seikoh Giken Handimate Cleaner SM-502 Duplex LC and Duplex MU connectors in addition to Simplex SC,FC,ST,LC and MU connectors.

B) Seikoh Giken Handimate Cleaner SM-503 for SC, FC, ST, LC, MU for PC and APC, Duplex LC/PC, Duplex MU/PC connectors.



PART NO.	DESCRIPTION	PRICE
C05-1099	A) SEIKOH GIKEN HANDIMATE CLEANER SM-502	30.33
C05-1128	B) SEIKOH GIKEN HANDIMATE CLEANER SM-503	33.67

FIBRE OPTIC CASSETTE 1.25 AND 2.5MM CLEANER

A cost effective self-contained fibre connector cleaner is designed to remove fine particles from the optical faces of fibre connectors consistently providing high quality cleaning without alcohol or other solvents and effective for over 500 wipes. Cleans a wide variety of UPC and APC connectors such as SC, FC, ST, LC, MU, E2000.



PART NO.	DESCRIPTION	PRICE
C05-3357	FIBRE OPTIC CASSETTE 1.25 AND 2.5MM CLEANER	24.95

CLEAN CORE CASSETTE

A simple low cost connector cleaner with replacement cartridge utilising a fabric on a cassette which quickly dry cleans all Simplex fibre connectors. The cassette can be advanced over 400 times.

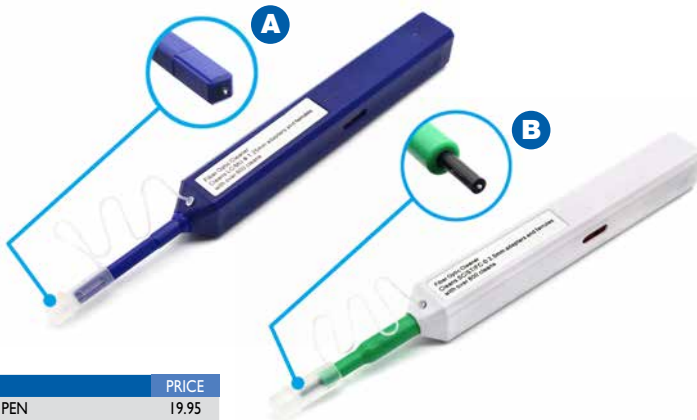


PART NO.	DESCRIPTION	PRICE
C00-9819	A) CLEAN CORE CASSETTE	38.06
C00-9840	B) REPLACEMENT CASSETTE	17.37

LOW COST FIBRE CLEANING PENS

Fibre optic pen cleaners, with push click action, for use with all common types of fibre connector and adaptor. Easy to use push click action and robust sturdy construction giving over 800 cleans. Simply insert the cleaning pen cleaner into an adaptor and push until an audible "click" is heard.

The pen uses the mechanical push action to advance an optical grade cleaning tape while the cleaning tip is rotated to ensure the fibre end-face is effectively, but gently, cleaned. Cleans connectors on Jump Leads and in adaptors, Available for 2.5 mm (ST, SC, FC) and 1.25mm (LC). Size W17.5mm xH17.5mm xL165 mm mm (Nozzle Extended L200mm).



PART NO.	DESCRIPTION	PRICE
C92-3025	A) SC 2.5MM CLEAN CLICK PEN	19.95
C92-3019	B) LC 1.25MM CLEAN CLICK PEN	19.95

A) STICKLERS™ CLEANCLICKER™ FIBRE CONNECTOR CLEANERS

The Sticklers® CleanClicker™ 1.25mm and 2.5mm fibre optic connector cleaners are the latest cleaning innovation from the experts at Sticklers. These rugged, precision cleaners use a smooth click-to-clean push-action with light tip forces to reduce the risk of end-face damage. With over 750 cleans, the Sticklers CleanClicker is perfect for cleaning any size network, any installation; from single to thousands of connectors. Available in two sizes: 1.25mm for LC, MU; UPC/APC (C05-5800) and 2.5mm for SC, ST, E2000; UPC/APC (C05-5802) Connectors. Refills for both sizes available



B) STICKLERS® CLEANCLICKER™ MPO/MPT CONNECTOR CLEANER

The Stickler (MCC-CCMPO) Cleanclicker Tool - MPO/MTP Fibre Optic Connector Cleaning Tool 600+ Cleans - Use On flat or angled 8 Deg MPO/ MTP adaptors for Cleaning End Face Of Connector In Situ.

Refills not available. Once the 600+ wipes have been used the tool should be safely disposed of.



PART NO.	DESCRIPTION	PRICE
C05-5800	A) CLEANCLICKER 1.25MM FERRULES	46.78
C05-5801	A) CLEANCLICKER 1.25MM REFILL FOR C05-5800 PKT 2	79.92
C05-5802	A) CLEANCLICKER 2.5MM	46.78
C05-5803	A) CLEANCLICKER 2.5MM REFILL FOR C05-5802 PKT 2	79.92
C00-6700	B) CLEANCLICKER™ MPO FIBRE CONNECTOR CLEANER	62.52

FERRULEMATE FIBRE CLEANERS

FerruleMate fibre cleaners - FerruleMate 2.0. Utilising a patented rotating cleaning tip and unique Slide-Guide cleaning cloth giving over 500 cleans

The contoured tip fits easily into the feed-through adaptor and the self-actuated cleaning tape feed provides an audible "Click" confirming that the cleaning is successful. Connector cleaning performance is guaranteed as the FerruleMate 2.0 cleans beyond the critical fibre core and deep into the contact area while still seated in a bulkhead adaptor. Available for MPO, 2.5mm and 1.25mm options as follows

A) FERRULEMATE FIBRE CLEANING PENS

MPO Cleaner Pen, Universal 2.00mm O.D. Ferrule Application with 500+ cleanings per unit = Ultra low cost per connector cleaned.

B) FERRULEMATE FIBRE CLEANING PENS

FC/SC/ST Cleaner Pen, Universal 2.50mm O.D. Ferrule Application with 800+ cleanings per unit = Ultra low cost per connector cleaned.

C) FERRULEMATE FIBRE CLEANING PENS

LC/MU Cleaner Pen, Universal 1.25mm O.D. Ferrule Application with 800+ cleanings per unit = Ultra low cost per connector cleaned.



PART NO.	DESCRIPTION	PRICE
C05-1068	A) FERRULEMATE 2.0 MPO FIBRE CLEANER PEN 2.0MM	53.71
C05-9331	B) FERRULEMATE 2.0 FC/SC/ST FIBRE CLEANER PEN 2.50MM	45.42
C05-9329	C) FERRULEMATE 2.0 LC/MU FIBRE CLEANER PEN 1.25MM	45.42

LASER SAFETY SPECTACLES - GREEN LENS

Wraparound frame Laser Safety Spectacles for use when working with live fibre cables and equipment. Supersedes the discontinued S26-8261 Laser Safety Goggles.

- Wraparound frame —Med/Large size
- Adjustable temple lengths and angle
- 8 base lens curvature for full coverage
- Comfort fit
- CE Certified

See millsltd.com for full specifications.



PART NO.	DESCRIPTION	PRICE
S26-5927	LASER SAFETY SPECTACLES - GREEN LENS	157.93

BOLLE BANDIDO SAFETY SPECTACLES

Made entirely of highly-resistant polycarbonate, these are the perfect value safety spectacle option.

- Mechanical risk - Low energy impact - F
- Low energy impact, resists a 6 mm, 0.86 g ball at 45 m/s
- Mechanical risk- High speed particles at extreme temperatures - T
The letter T, immediately after the mechanical strength symbol, authorises use for high speed particles at extreme temperatures
- Available in clear or smoked



PART NO.	DESCRIPTION	PRICE
S26-5924	A) BOLLE BANDIDO SAFETY SPECS (CLEAR)	4.38
S26-5925	B) BOLLE BANDIDO SAFETY SPECS (SMOKED)	5.12

GENERAL PURPOSE TWEEZERS & FORCEPS



PART NO.	DESCRIPTION	PRICE
E15-1276	A) 125MM STRAIGHT TWEEZERS	1.64
E15-1281	B) 120MM BENT TWEEZERS	3.65
E15-1272	C) 160MM STRAIGHT FORCEPS	5.61
M99-6919	D) 92MM STRAIGHT TWEEZERS WITH 4 X MAGNIFICATION	6.28
E15-1277	E) 110MM PLASTIC TWEEZERS	2.68

MICROCARE STICKLERS MULTICLEAN SURFACE CLEANER 400ML

This versatile cleaner effectively removes white residue from PCBs, as well as most solder pastes found on SMT stencils. It also cleans organic and ionic residues, light oils and other contaminants commonly found in the manufacture of medical devices.
70% High Purity Grade Isopropyl Alcohol (IPA) and 30% High Purity Deionized (D.I.) Water.



PART NO.	DESCRIPTION	PRICE
C05-1648	MICROCARE STICKLERS MULTICLEAN MULTITASK SURFACE CLEANER 400ML	9.22

MILLS VISUAL FAULT LOCATORS



Compact but powerful laser Visual Fault Locator, available in a choice of two output powers: 1mW with a 3-5km dynamic range or 10mW with a 8-10km dynamic range.

The red laser shines through most yellow-jacketed fibres to help pinpoint breaks, bends, faulty connectors, splices and other causes of signal loss. It has a reach of up to 8km. The tester locates faults visually by creating a bright red glow at the exact location of the fault on single mode or multimode fibres.

It is supplied with 2.5mm universal connector and 1.25mm adaptor, making it usable with almost every fibre connector.

- Bright red laser at 650nm
- Pulsed and continuous wave operation
- Up to 50 hours of operation
- Use standard AA alkaline batteries (not included)
- Heavy duty rugged and waterproof design
- 2.5mm universal connector and 1.25mm adaptor
- Soft case



PART NO.	DESCRIPTION	PRICE
C00-6119	A) MILLS 1MW MILLS VISUAL FAULT LOCATOR	38.06
C00-6118	B) MILLS 10MW MILLS VISUAL FAULT LOCATOR	40.12
C00-5464	C) MILLS FIBRE OPTIC VISUAL FAULT LOCATOR 30MW	41.15
C00-6863	SPARE 1.25MM LC ADAPTOR	13.34
M99-6820	AA BATTERIES (PK 2)	1.18

MILLS OPTICAL POWER METER

The Mills Optical Power Meter robust low cost, high resolution pocket sized meters designed for general optical testing applications over both multi and single mode fibre, offering six wavelengths of 850/1000/1310/1490,1550 and 1625nm and a choice of dynamic range of +10 to -70dBm (C00-6434) or +26 to -50dBm (C00-1087)

The unit is supplied in a cordura type pouch with 2.5mm universal, ST, FC and screw on LC adaptors.

Requires 2 x AA Batteries (Not Included)

Dimensions - 105 x 52 x 34mm Weight 100g

Available in two power ranges

A) C00-6434 Mills Optical Power Meter (+10 to -60dB)

B) C00-1887 Mills Optical Power Meter (+26 to -40dB)



PART NO.	DESCRIPTION	PRICE
C00-6434	MILLS OPTICAL POWER METER 80T	112.40
C00-1887	MILLS OPTICAL POWER METER 80C	115.77

MILLS 1310/1500 NM OPTICAL 'SINGLE MODE' LASER SOURCE

Mills Optical Single Mode Laser Source are rugged low cost optical light sources (OLS) for quick easy and convenient fields insertion loss measurement and continuity checks. They are supplied with 2.5mm SC test connector as standard. A separate 1.25mm LC screw-on adaptor (C00-6863) is supplied in the carry pouch.

The meter has a four button operation, with energy save mode offering highly stabilized light with built in optic isolator and modulation output of 270Hz, 1Hz, 2Hz

This single mode laser source offer 1310 and 1500 wavelengths.

Stabilisation*	0.05dB / 1 hour; 0.1dB / 8 hours
Output Power	> - 6dBm @ 1310nm/1550nm
Modulation	270Hz, 1KHz, 2KHz
Connector	SC/PC with SC/PC male to LC/PC female SM adaptor
Auto Power Off	No operation in 10 minutes (can be cancelled)
Battery Charge	Yes
Power Supply	AA * 2 batteries or AC/DC power supply adapter
Size(H*W*D)	160mm * 75mm * 32mm
Weight	180g
Storage Temperature	-20 -- +60 , < 90%RH
Operating Temperature	-10 -- +50 , < 90%RH

Supplied with carry case and manual.



PART NO.	DESCRIPTION	PRICE
C00-5465	A) MILLS 1310/1550NM OPTICAL LASER SOURCE	143.17
C00-6863	B) 1.25MM LC ADAPTOR FOR MILLS OPTICAL POWER METER & VISUAL FAULT LOCATORS	13.34

A) MILLS 850/1300NM OPTICAL LASER SOURCE

Mills Multi Mode Optical Laser Source are rugged low cost optical light sources (OLS) for quick easy and convenient fields insertion loss measurement and continuity checks.

They are supplied with 2.5mm SC test connector as standard. A separate 1.25mm LC screw-on adaptor (C00-6863) is supplied in the carry pouch.

The meter has a four button operation, with energy save mode offering highly stabilized light with built in optic isolator and modulation output of 270Hz, 1Hz, 2Hz.

This single mode laser source offer 850and 1300 wavelengths.

Stabilisation*	0.05dB / 1 hour; 0.1dB / 8 hours
Output Power	> -10 dBm @ 850nm/1300nm
Modulation	270Hz, 1KHz, 2KHz
Connector	SC/PC
Auto Power Off	No operation in 10 minutes (can be cancelled)
Battery Charge	Yes
Power Supply	AA * 2 batteries or AC/DC power supply adapter
Size(H*W*D)	160mm * 75mm * 32mm
Weight	180g
Storage Temperature	-20 -- +60 , < 90%RH
Operating Temperature	-10 -- +50 , < 90%RH

Supplied with carry case and manual.



PART NO.	DESCRIPTION	PRICE
C00-5466	A) MILLS 850/1300NM OPTICAL LASER SOURCE	204.97
C00-6863	B) 1.25MM LC ADAPTOR FOR MILLS OPM, VFL AND OLS RANGE	13.34

ODM VIS 300C USB AND WIFI VIDEO FIBRE INSPECTION PROBE



ODM VIS300C – is a combined fibre Inspection Scope with Optical Power Meter & Visual Fault Locator with analysis software, memory, reports, & Wi-Fi data transfer. Up to 25,000 test results can be stored and compiled in project folders that are immediately synthesized into closeout reports at the touch of a button. The integrated Wi-Fi capability allows users to send reports directly to customer inboxes or cloud storage folders.

Features:

- 5" (12.7 cm) Multi-Touch LCD Display
- Interchangeable Adapter Tips
- Test Result Sharing via Wi-Fi or USB Cable to PC Connection
- Expansive Storage & Instant Reports with Custom Parameters
- Automated Analysis Compliant with IEC 61300-3-35 Standards
- Optical Power Meter
- Visual Fault Locator



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PART NO.	DESCRIPTION
C00-5290	ODM VIS 300C USB AND WIFI VIDEO FIBRE INSPECTION PROBE

MILLS FIBRE AND COPPER TESTER

Mills Fibre and Copper Tester - An essential combined tester for use on both fibre and copper structured cable networks.

Fibre Testing

The Mills Fibre and Copper tester can be used on both single and multimode fibre networks.

The power meter has 6 x calibrated wavelength 850nm, 1300nm, 1310nm, 1490nm, 1550nm and 1625nm, as well as a visual fault locator red light, and has a 2.5mm universal connector.

A separate 1.5mm adaptor is available for LC Connectors.

Copper Testing

The tester has a removable remote unit with both RJ45 and RJ11 Ports making it ideal for simple continuity testing of Cat5e and Cat6 Ethernet cables.



Supplied in pouch.

Dimensions 105 x 52 x 34mm.

Requires 2 x AA Batteries.

PART NO.	DESCRIPTION	PRICE
C00-6985	MILLS FIBRE AND COPPER TESTER	82.35

MILLS FIBRE TALK SET

The Mills Fibre Talk Set allows fast and easy communication via a free optical fibre during installation, maintenance, and operation of fibre optic cables. Voice transmission is carried out using modulated light signals. The integrated headset makes it easier to understand, even in a noisy environment.

The Mills Fibre Talk Set is a hands free unit designed for transmitting voice in both directions on a single fibre using 1310/1550nm single mode wavelength. This duplex optical talk set has SC/PC connectors and a dynamic range of 45dB, giving a dynamic range up to 120km over a single mode cable. The talk set is rechargeable using the AC adaptor giving an operational time of at least 12 hours.

The Mills Fibre Talk comprises, Optical Talk Set (A & B), 2 x Headsets with Microphone, Carry Case, 240v UK Charger and Instruction Manual.



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PART NO.	DESCRIPTION
C00-2545	MILLS FIBRE TALK SET



MILLS LIVE FIBRE IDENTIFIER

The Mills Live Fibre Identifier allows traffic detection and signal measurement anywhere on a singlemode fibre up to 3mm diameter, without causing damage to the fibre or disrupting the signal. In addition the Mills FID, also has a 1mW red light source to help pinpoint breaks, bends and faulty connectors.

The Mills FID is supplied in a protective Cordura style pouch with instruction manual.

- Indicate the signal direction in fibre
- Detect tones 270Hz, 1kHz and 2kHz to verify the modulated signal type
- Suitable for 0.25, 0.9, 2.0, 3.0mm fibre
- 1mW Red Light Source
- Battery low indication
- Powered by 2 x 1.5V AA batteries (not included)
- One-year warranty
- Dimensions 230mm x 45mm x 45mm
- Weight 200g



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PART NO.	DESCRIPTION
C00-6435	MILLS LIVE FIBRE IDENTIFIER

MILLS LIVE FIBRE IDENTIFIER PRO

The Mills Live Fibre Identifier is used for identifying the light power presence in optical fibres. It includes a trigger operated clamp to micro-bend the fibre which is then detected by photo sensors. The fibre identifier can detect the presence of several kinds of light signal and indicate signal direction in single mode fibres. The trigger lock function ensures the fibre is clamped with constant pressure, while the 1.44" colour LCD panel allows the user to view the estimated optical power in the fibre. Identification of modulated tones at 270Hz, 1kHz and 2kHz is provided.

Other features of the battery operated live fibre identifier include robust body design, easy-to-use fibre clamp, status indicator and adjustable settings for result retaining, tone on/off, screen brightness and auto power off.

Features:

- Screen: 1.44 inch TFT screen
 Max. Input Power: +20dBm
 Min.Sensitivity: -50dBm
 Battery: AA/LR6 alkaline battery
 Modulation Identification: Yes
 Applicable Fibres: 0.25 / 0.9 / 2.0 / 3.0mm fibre
 VFL Specifications: 1mW with Glint function
 OPM Specifications: EFL-50T : -70→+6dBm EFL-50C: -50→+26dBm
 Dimensions: 195mm x 96mm x 37mm
 Weight: 140g
 Supplied with shade cap, instruction CD, calibration certificate and carry case.



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PART NO.	DESCRIPTION
C00-7676	MILLS LIVE FIBRE IDENTIFIER PRO

FUJIKURA OPTICAL FIBRE IDENTIFIER

The Fujikura FID-30R & FID-31R optical fibre identifiers can pick up any optical traffic within a fibre through 3mm ruggedised outer jacket by simply clipping onto the fibre without causing damage to the fibre or coating or interrupting the signal. The fibre identifiers, used for identifying the light power presence in optical fibres, include three detecting functions: TONE, TRAFFIC, and ONU. The FID-30R also features a built-in optical power meter with interchangeable connector styles. The fibre identifiers can detect the presence of several kinds of light signal and indicate signal directions.

Features

- Robust body design for the field
- Universal fibre clamp design applicable for many types of fibres
- 2.4" full colour LCD touch screen with the backlight
- Trigger lock function for continuous fibre clamping
- Adjustable setting
- Connector head for power meter is interchangeable
- Firmware update via internet



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PART NO.	DESCRIPTION
C00-5880	FID-30R OPTICAL FIBRE IDENTIFIER
C00-5881	FID-31R OPTICAL FIBRE IDENTIFIER

Fujikura
EUROPE LTD



A) ODM RP 560 OPTICAL POWER METER WITH BLUETOOTH

The RP 560 optical power meter provides users with a simple platform for testing fibre optic cables at all connection points in the network.

B) ODM DLS 650 DUAL LED SOURCE

The DLS 650 optical LED source provides multiple wavelength options to meet modern fibre optic testing needs. The base model outputs 850 and 1300nm wavelengths in either single or dual mode.

C) ODM DLS 655 DUAL LASER SOURCE

The DLS 655 optical laser source provides multiple wavelength options to meet modern fibre optic testing needs. The base model outputs 1310 and 1550nm wavelengths in either single or dual mode.



PART NO.	DESCRIPTION
C00-0341	A) ODM RP 560 OPTICAL POWER METER WITH BLUETOOTH
C00-0304	B) ODM DLS 650 DUAL LED SOURCE
C00-0305	C) ODM DLS 655 DUAL LASER SOURCE

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A) ODM UPM100-04 USB OPTICAL POWER METER (+23DBM TO -45DBM)

USB Optical Power Meter (with 2.5mm universal adaptor included) to measure optical signals +23dBm to -45dBm.

B) ODM UPM100-02 USB OPTICAL POWER METER (+6DBM TO -70DBM)

USB Optical Power Meter (with 2.5mm universal adaptor included) to measure optical signals +6dBm to -70dBm.



PART NO.	DESCRIPTION
C00-7175	A) ODM UPM100-04 USB OPTICAL POWER METER (+23DBM TO -45DBM)
C00-7174	B) ODM UPM100-02 USB OPTICAL POWER METER (+6DBM TO -70DBM)

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ODM RP 450-02 OPTICAL POWER METER

The RP 450 Optical Power Meter measures optical power on fibre optic networks operating at 850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1611nm, and 1625nm.

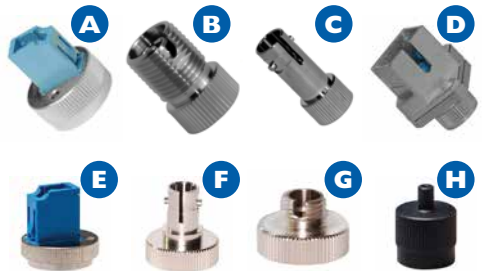


PART NO.	DESCRIPTION
C00-1294	ODM RP 450-02 OPTICAL POWER METER

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ODM ADAPTORS

- A) ODM AC029 LC Adaptor for RP and UPM Optical Power Meters
- B) ODM AC028 FC Adaptor for RP and UPM Optical Power Meters
- C) ODM AC027 ST Adaptor for RP and UPM Optical Power Meters
- D) ODM AC026 SC Adaptor for RP and UPM Optical Power Meters
- E) ODM AC025B LC Adaptor for DLS Optical Light Sources
- F) ODM AC024B ST Adaptor for DLS Optical Light Sources
- G) ODM AC023B FC Adaptor for DLS Optical Light Sources ODM AC023B FC Adaptor for DLS Optical Light Sources
- H) ODM AC021 1.25MM Universal Adaptor for RP and UPM Optical Power Meters



PART NO.	DESCRIPTION	PRICE
C00-1316	A) ODM AC029 LC ADAPTOR FOR RP AND UPM OPTICAL POWER METERS	57.33
C00-1314	B) ODM AC028 FC ADAPTOR FOR RP AND UPM OPTICAL POWER METERS	42.47
C00-1307	C) ODM AC027 ST ADAPTOR FOR RP AND UPM OPTICAL POWER METERS	42.47
C00-1296	D) ODM AC026 SC ADAPTOR FOR RP AND UPM OPTICAL POWER METERS	42.47
C00-7184	E) ODM AC025B LC ADAPTOR FOR DLS OPTICAL LIGHT SOURCES	53.23
C00-7183	F) ODM AC024B ST ADAPTOR FOR DLS OPTICAL LIGHT SOURCES	39.43
C00-7182	G) ODM AC023B FC ADAPTOR FOR DLS OPTICAL LIGHT SOURCES	39.43
C00-7181	H) ODM AC021 1.25MM UNIVERSAL ADAPTOR FOR RP AND UPM OPTICAL POWER METERS	35.49

A) TEMPO GOPM-01 OPTICAL POWER METER WITH VFL

A combination micro optical power meter (OPM) and visual fault locator (VFL) designed to troubleshoot both singlemode and multimode FTTx and point-to-point networks. Measurement Range: -70 to +6dBm; (1310/1490/1550/1625) -60 to +6dBm (850/1300).

Display Resolution: 0.01dB. Accuracy *: +/-0.2dB. Linearity *: +/-0.2dB. Wavelength Response: 700 – 1700nm Connector: Universal 2.5mm. Power Supply: AAA x 2 Alkaline (included)/Rechargeable via USBVFL Wavelength: 650nm +/-20nm, Output: ≤ 1mW/ 2Hz, Range: ~4km

B) TEMPO GOPM-02 HIGH POWER OPTICAL POWER METER WITH VFL

A higher power version of the GOPM-01 with the OPM having an increased measurement range: -50 to +26dBm (1310/1490/1550/1625 -40 to +26dBm (850/1300).

C) TEMPO MICRO OPM CARRY CASE

Micro OPM Carry Case for C00-7617 and C00-7618 Optical Power Meters with Visual Fault Locators.



PART NO.	DESCRIPTION
C00-7617	A) TEMPO GOPM-01 OPTICAL POWER METER WITH VFL
C00-7618	B) TEMPO GOPM-02 HIGH POWER OPTICAL POWER METER WITH VFL
C00-7619	C) TEMPO MICRO OPM CARRY CASE

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TEMPO FI-100 FIBRE IDENTIFIER KIT

The FI-100 fibre identifier quickly determines the approximate core power and signal direction in a fibre cable without disconnecting it. It supports all common fibres including 250µm, 900µm, 2mm, and 3mm and is able to sense light in bend insensitive fibres.

Kit includes:

- Fibre Identifier
- 250µm Adapter
- 900µm Adapter
- 2mm Adapter
- 3mm Adapter
- Soft Carry Case
- Instruction Manual
- Sun Shade
- 2 x AA batteries

Ref: 094661



PART NO.	DESCRIPTION
C00-5892	TEMPO FI-100 FIBRE IDENTIFIER KIT

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TEMPO I80XL VISUAL FAULT LOCATOR KIT

The I80XL visual fault locator allows technicians to quickly and safely visually locate broken and pinched fibres, faulty connectors, and bad splices. Confirm fibre continuity up to distances of 7km and suitable for both singlemode and multimode fibre. Class 2 laser with 0dBm output of 650nm +/-10nm wavelength. Supplied with 2 x AA batteries.



PART NO.	DESCRIPTION
C00-5924	TEMPO I80XL VISUAL FAULT LOCATOR KIT

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TEMPO 930XC OTDR

The Tempo 930XC OTDR is an all in one OTDR solution featuring OPM, VFL, and SLS standard on all 930XC models.

- One button test functions
- Automatically sets test parameters for optimum test results
- Graphical interface. Easy to read, even in low or bright lighting conditions
- Up to 38 dB dynamic range. Probe longer cables and see smaller reflections
- Measure lengths and defects. Quickly locates faults
- Cable acceptance reports. Generate customised reports that include trace signature and fibre events

Available in Multimode Dual, Singlemode Dual and Singlemode Triple wavelengths with a variety of connector options.

Please see datasheet to identify the particular version you require and call sales for a quote.

Formerly C00-5483



PART NO.	DESCRIPTION
930XC	TEMPO 930XC OTDR

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ANRITSU MT9090A OTDR

The handheld Network Master™ MT9090A OTDR from Anritsu helps you easily test FTTX deployments with up to a 1 x 64 split from end-to-end on high resolution and colour 4.3-inch wide screen display.

The MT9090A OTDR provides all of the features and performance required for installation and maintenance of optical fibres in a compact, modular test set. The MT9090A is a popular choice with global telcos and represents an unmatched level of value and ease of use, while not compromising performance. Data sampling of 2cm, dead zones of 0.8m and dynamic range up to 38dB ensure accurate and complete fibre evaluation of any network type - premise to access, metro to core - including PON-based FTTX networks featuring up to a 1x64 splitters.

- Compact OTDR for both installation and maintenance
- Built-in PON Power Meter, Loss Test Set and Light Source functions
- High-end OTDR performance in a pocket-size package
- "Fibre Visualizer" mode simplifies operation, no OTDR knowledge needed
- Complete PON testing through splitters up to 1x64
- Bluetooth, Wi-Fi and Ethernet connectivity

For full specifications or configurations please call our Sales Team on 0208 833 2626 or visit our website, millsltd.com



PART NO.	DESCRIPTION
C00-6982	ANRITSU MT9090A OTDR

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ANRITSU MT9085A OTDR

The ACCESS Master MT9085 is a handheld complete Fibre Optical Cable tester for performing all optical pulse tests, optical loss/power measurements and optical fiber end-face inspections. Ideal for FTTX, PON, Metro WDM. The MT9085 now features an 8-inch TFT 16:9 wide touch screen display for use indoors and outdoors while providing a rotary knob and new short-cut function keys simplify and minimize operations and time to complete a test.

Replacing the MT9083 series, the MT9085 series of OTDRs combine an 8" touch screen with hard keys to provide the maximum ease of use and productivity. The MT9085 series is available with three different levels of dynamic range, Standard (MT9085A), Enhanced (MT9085B) and High Performance (MT9085C).

- Large 8-inch enhanced display easy viewing of results indoors or outdoors
- Enhanced usability, utilising a combination of both touch screen and hard keys.
- Easy to understand graphical summary using Anritsu's industry leading "Fibre Visualizer"
- Wi-Fi and Bluetooth wireless connectivity for file sharing
- Up to 1x128 splitters fibre evaluation for PON networks
- High speed real-time measurement

For full specifications or configurations please call our Sales Team on 020 8833 2626 or visit our website, millsltd.com



PART NO.	DESCRIPTION
C00-4544	ANRITSU MT9085A OTDR

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LAUNCH LEADS

An OTDR requires a Launch Lead to be able to launch and receive test cable loss measurements for fibre optic links and reveals the insertion loss and reflectance of the near-end connection.

**Features:**

- Compact and rugged construction
- 50N cable retention force
- 1.5m tail
- Pouch included

PART NO.	DESCRIPTION	PRICE
C00-9236	LAUNCH LEAD SC-SC SM G652 1000M	126.64
C00-9237	LAUNCH LEAD SC-LC SM G652 1000M	131.79
C00-9238	LAUNCH LEAD SC/APC-SC SM 1000M	133.85
C00-9239	LAUNCH LEAD SC/APC-SC/APC SM G652 1000M	133.85
C00-9240	LAUNCH LEAD SC/APC-LC/APC SM G652 1000M	133.85

TEMPO RUGGEDISED LAUNCH BOX 500M SC/APC SC/UPC

LC-500 Fibre Launch Box is a 500 metre launch cable that can be applied to each end of a fibre under test to characterise the input & output connectors. Troubleshoot the input connector & the initial fibre span that may be masked by the deadzone of the OTDR. Launch cable can also be used to minimize deadzones.



PART NO.	DESCRIPTION	PRICE
C00-1152	TEMPO RUGGEDISED LAUNCH BOX 500M SC/APC SC/UPC	221.84

OPTITAP COMPATIBLE SINGLEMODE PATCHCORDS

These Optitap compatible patchleads are designed to enable engineers to test CBTs during installation and for general service and maintenance applications.

The lead is available terminated with either an SC/APC or SC/UPC connector and is supplied in a choice of 3 metre or 15 metre lengths.

The extra long, 15 metre length version allows engineers to test CBTs mounted at the top of a pole from ground level.



A



B



C



D



PART NO.	DESCRIPTION	PRICE
T70-7599	A) OPTITAP COMPATIBLE PATCHCORD SM SC/APC 3M	46.43
T70-7600	B) OPTITAP COMPATIBLE PATCHCORD SM SC/APC 15M	53.00
C00-1726	C) OPTITAP COMPATIBLE PATCHCORD SM SC/UPC 3M	39.96
C00-1727	D) OPTITAP COMPATIBLE PATCHCORD SM SC/UPC 15M	45.69

FACT OPTICAL DISTRIBUTION FRAME (ODF) SOLUTION

In central offices, headends and data centers, demand for bandwidth is growing exponentially. The need to install, access, reconfigure and reroute connections is constant. As the physical layer evolves, termination, splicing, patching and storage requirements surpass the capabilities of standard rack and shelf offerings.

Network managers need a better solution, one that supports rapid deployment, plug-and-play connectivity and high density—all while maximizing the usable density and long-term value of the fibre network. The FACT® optical distribution frame (ODF) solution from CommScope is a compact, fully front-accessible solution that maximizes usable density and supports the continued growth of your fibre infrastructure.

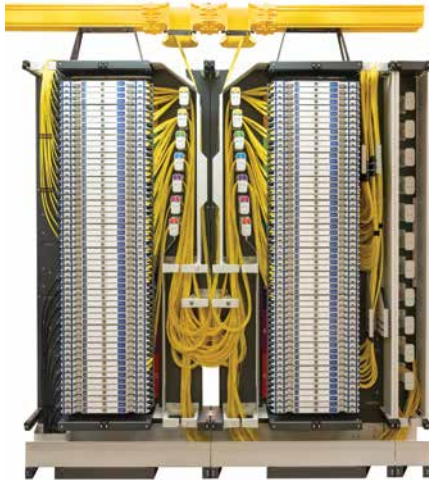


Figure 1: Two fully-populated FACT Frames side-by-side

As a modular solution, the FACT optical distribution frame (ODF) solution is fully customizable: four modular frame versions for simplistic, clear cable routing, configure and incorporate universal adaptor packs, cabled modules, MPO modules and value-added modules to optimize your network needs. The complete FACT solution provides a flexible, reliable and cost-effective solution to your evolving network needs.

FEATURES:

- Patching, using patch cords, connectorized breakout or interfacility cables
- Splicing loose tube, non-connectorized interfacility or breakout cables to pigtails and patching these pigtails to patch cords
- Supports integration of passive optical splitters and wavelength division multiplexers
- Various connector/adaptor types possible
- Enhanced modularity created by stacking four elements together in a 3HU grouping
- Full patching capability on the elements and between elements in one module and across modules
- Use of connectorized cables allows repair of pigtails
- Easy identification of each fibre
- Kits available to attach cables at the side of the elements
- Full wrap-around solution accessible from the front to guide fibres and pigtails
- Can be installed in FIST racks and metric (ETSI) rack sizes
- FACT elements and modules are shipped with the maximum number of trays already installed.

BENEFITS OF ADVANCED ELEMENT PATCHING:

- Easy: Full front access and non-moving fibre during element manipulation
- Fast: Toolless scalable system
- Clean: Both sides easily accessible for cleaning adaptors
- Safe: Laser light oriented perpendicularly to the operator
- Accessible: Guaranteed full front access at both sides of connection
- Visible: Patch cords do not hamper access or visibility of ports
- Secure: Because of their position in the trays, connectors are better protected than in some front facing patch shelves
- Manipulation of patch cords does not cause transient losses
- Reconnection to other positions in the same tray or shelf does not result in uncontrolled overlengths
- Bend controls guide and protect the pigtail cable and ensure controlled cable routing

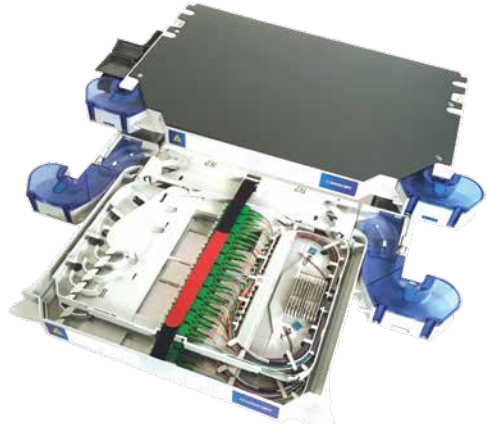


Figure 2: FACT splice-patch chassis

The building blocks of the FACT optical distribution frame system are the FACT chassis. FACT chassis can be deployed individually as a single-element chassis, or up to six similar elements can be combined into high fibre-count FACT chassis. The single-element FACT chassis measure 30 percent less than the standard HU/IRU. Each FACT element features two hinged trays, providing full front access to both sides of all connections and clear visibility of all ports. There are four FACT chassis types.



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FIST-GR3 AND FIST-GR3F NEXT GENERATION FIST ETSI RACKS

The all-purpose, easy-to-assemble FIST-GR3 and FIST-GR3F racks accommodate the FIST fibre management system in a central office, head-end or customer premises environment.

Several versions of the rack are available: one series based on the ETSI standard (600 mm wide) and one on the 15-inch standard (450 mm wide).

Accepts CommScope FIST-GSS2/GPS2 and FIST-GSS3/GPS3 shelves.



COMMScope

Distributor

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FIST-GPS2 GENERIC SPLICE/PATCH SHELF

The CommScope Generic Splice/Patch Shelf, FIST-GPS2 is a mechanical shelf assembly for the FIST fibre management system in a rack environment.

The FIST-GPS2 is typically used in conjunction with FIST splice and patch trays (FIST-GPST-12).

Suitable for:

- Patching only, using patch cords, connectorised break-out or intra-facility cable
- Splicing loose tube cable, non-connectorised intra-facility or break-out cable to pigtailed and patching these pigtailed to patch cords
- Splitters can be integrated
- Can be installed in FIST racks and other 19" or metric (ETSI) racks

Features:

- Available in 4 different heights (44, 88, 125 and 167 mm)
- Kits to attach cables at the side or the back of the shelf are available
- Optional jumper overlength storage facility
- Full patching capability on the tray and between the trays of one shelf
- Wraparound side panel and pigtail guide for easy repatching (only for 88, 125 and 167 mm version).



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PRE-TERMINATED MULTI-FIBRE ASSEMBLIES WITH 2.0 MM MICRO TUBE

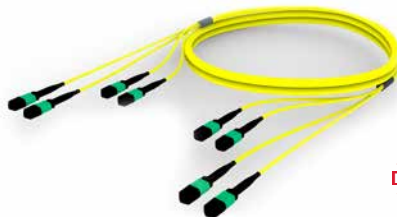
As demand for bandwidth increases, your network requires connection solutions with higher density and more flexibility to adapt, providing higher usable density to connect active equipment with optical distribution frames in an effective manner. Supporting your network today and into the future.

CommScope's pre-terminated fibre assemblies enable a wide range of connections in data centres, multi-tenant data centres, central offices and campus network applications with options to fit almost any application.

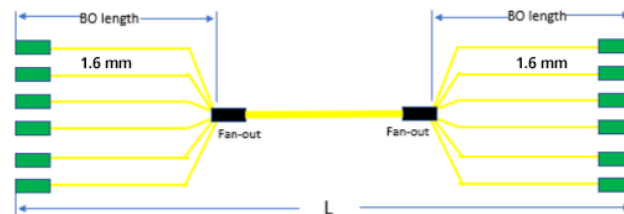
Configurations options include:

- MPO or LC connectors
- 12-144 fibres
- Singlemode A2 Fibre
- Multimode OM4 or OM5

With a large variety of available break outs lengths, these fibre assemblies can be installed in any of the CommScope panel or optical distribution frame products.



NEW!



COMMScope

Distributor

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MODULAR FRONT PATCHING SYSTEM (MFPS)

CommScope's MFPS family of solutions is specifically designed to meet the current and future challenges of your dynamic high density FTTx deployments.

The MFPS family of solutions provides a range of configurations, densities and sizes. So you have one reliable solution for all your FTTx patching applications.

The innovative modular design features stackable 40mm elements. With as many as 288 patch positions in a 3HU size, the MFPS provides best-in-class fibre density.

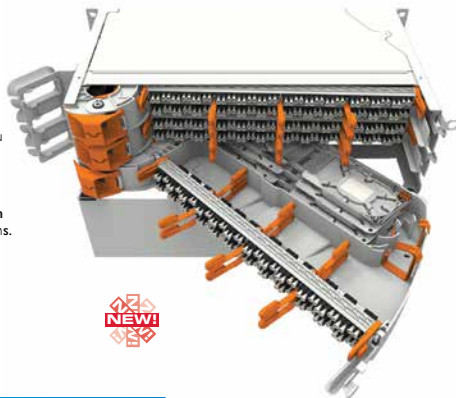
Yet the space-saving design also gives technicians and installers all the accessibility they need. Each shelf element swings out individually for easy maintenance while protecting all other elements.

The fibre management system secures each fibre in the tray while ensuring minimal bend and maximum optical performance.

Available in a variety of configurations and HU sizes, the MFPS family lets you easily customize your patching and splicing capabilities for each cabinet.

The MFPS family features our 48, 72 and 96 Series products, which range in capacity from 48 to 288 patch positions. Each series offers one, two and 3HU modules that fit a standard 19-inch rack opening.

The number of patch positions is designed to match the fibre counts of most outside plant cables.



MFPS Series		48	72	96*	
Connector type		SC	LC	LC	LC adapter pack
19"	1HU	48	48	72	96
	2HU	96	96	144	192
	3HU	144	144	216	288

* The usage of 1.2mm patch cords is recommended



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BUDI BUILDING DISTRIBUTOR ENCLOSURES

CommScope's BUDI (building distributor) product family of compact, wall mountable fibre enclosures for indoor and outdoor use. They are specifically designed for fast deployment and easy customer connection.

Using the FIST management system with splicing and/or patching capabilities; high connector density, small and large footprints, the BUDI product range offers flexible solutions for a wide range of applications.



Multiple cable ports available, bottom cable entry managed with cable glands or wrap around cable seals for various cable diameters and quantities of cables. Allows integration of passive components such as FIST-SASA2 splitter modules.

Available in four sizes ranging from the small BUDI-2S growing in size from BUDI-1S, BUDI-5 to the largest BUDI-M. The smallest BUDI-2S enclosure is available only with a security screw lid fixation. The other BUDI enclosures have a locking option for greater security.

Splice capacities and connectivity density vary by size of BUDI enclosure; smallest density available from the BUDI-2S rising to the highest density from the BUDI-M. SC and LC connectivity supported as standard; others may be available upon request. MOQ's may apply.



Ring sales for [ordering guide](#) or visit: millsltd.com

FOSC 400 & FOSC 450G EXTERNAL FIBRE OPTIC SPLICE CLOSURES

CommScope's FOSC 400 products are butt-type closures used in the outside plant network when mass splice storage is the main requirement.

They are available in four different sizes and are typically used as track joints. Depending on the closure size, the splice storage and organiser trays can accommodate from 6 to 768 single fibre splices. All splicing trays are hinged at one end and any fibre can be accessed without disturbing fibre on other trays, kinking buffer tubes, or introducing losses. All cable termination and sealing functions are provided with the closures. Uncut loose buffer tube storage is provided in optional storage baskets.



FOSC 450G

FOSC 400

The FOSC 400 range is available with traditional heat shrink cable seals or TE's new gel sealing system. FOSC 450G gel sealed splice closures have the same splice capacity as standard FOSC 400 closures and feature the same reliable and easy-to-use dome-to-base clamping system. The major difference with the FOSC 450G closures is that the cable sealing terminations use gel sealing technology instead of traditional heat shrink. Gel seal cable terminations automatically adjust to cable size and shape, and require no special tools, tapes or mastics to install. Gel seals enable quick and easy cable removal and are completely re-usable.

COMMSCOPE
Distributor

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FIST-GC02 EXTERNAL FIBRE OPTIC SPLICE CLOSURES

CommScope's generic closure FIST-GC02 is an environmentally sealed enclosure for the FIST fibre management system. The closure is a single-ended design made of a thermoplastic material. The base and dome are sealed with a clamp (or latches) and an O-ring system. One oval entry port for looped (uncut) cable and 6 or 16 round ports for single cable entry/exit are provided in the base. (8 round or 6 + 1 oval port for GC02-FX version).

FIST-GC02 has provision for all cable termination and sealing requirements. Cable seals are manufactured from heat-shrinkable or gel material.

The universal mounting system profiles provide the foundation for mounting combinations of SOSA2 Tray and/or SOSA2 splitter modules, which consist of a modular groove plate and trays.



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COMMSCOPE FIST MSC MODULAR SPLICE CLOSURE

Single ended o-ring sealed dome closure for high capacity splicing in a versatile and modular build. Transient free and flexible FIST fibre management for optimised fibre routing and cable storage. Fully removable base for easy cable access during installation and provisioning. Compatible with high end environmental specifications for aerial, pedestal, underground or direct buried applications. Superior gel sealing technology incorporated in interchangeable and fully wrap around gel segments. Toolless and intuitive design in cable seals and cable attachments. Compatible with a wide range of fibre cable sizes and types.



COMMSCOPE Distributor



Commscope Wall / Pole Mounting Bracket for FIST-MSC Closures

Commscope Wall / Pole Mounting Bracket for FIST-MSC Closures

Visit millsltd.com for more info

PART NO.	DESCRIPTION
FIST-MSC	COMMSCOPE FIST MSC MODULAR SPLICE CLOSURE
760242595	COMMSCOPE WALL / POLE MOUNTING BRACKET FOR FIST-MSC CLOSURES

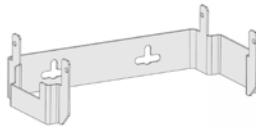
RING SALES FOR SPECIAL PRICES OR VISIT millsltd.com

COMMSCOPE FIST-EDSA FTTH ENCLOSURE

The FIST-EDSA features innovative sealing and cable retention for a range of cables, combined with proven gel seal technology and FIST fiber management hardware.

Features:

- Single-ended base and dome design with only two latches
- Four long oval-shaped gel-sealed drop ports for 12 drop cables each (maximum 48 drops)
- One oval shaped gel-sealed feeder port
- Feeder loop possibility
- Feeder cable diameter maximum 16mm
- Drop cable diameter range: 5-8mm
- Fast, easy, toolless installation
- Single-sided UMS (Universal Mounting System) frame allows mounting of FIST management grooveplates and trays
- Repair and upgrade possibility
- Intuitive identification
- Eliminates need for waterblock connectors
- New cable attachment design: toolless and wrap-around installation.



CommScope Wall Mounting bracket for FIST EDSA Fibre Closure

CommScope Wall Mounting bracket for FIST EDSA Fibre Closure.

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COMMSCOPE Distributor



PART NO.	DESCRIPTION
FIST-EDSA	COMMSCOPE FIST-EDSA FTTH ENCLOSURE
EG2461-000	COMMSCOPE WALL MOUNTING BRACKET FOR FIST EDSA FIBRE CLOSURE

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TENIO FIBRE CLOSURES

Building on almost 30 years of innovation and industry leadership, TE's new TENIO closures enable 30% faster, future-proof network deployments in 30% less space. TENIO closures feature modular building blocks and combine proven fibre management hardware with a new sealing system to simplify training and reduce inventory. The closure's 100% mechanical, toolless and intuitive design facilitates lower-skilled network deployments. Full modularity of the closure platform supports a phased CAPEX network deployment scheme, reducing up-front CAPEX investment.

COMMSCOPE
Distributor



Designed for use with any cable construction (loose buffer tube, central core tube, loose fibre), the closures deploy in any environment (aerial, pedestal, handhole, manhole) and TE's superior gel-sealing technology guarantees sealing regardless of cable type and form.



Ring sales for [ordering guide](http://ordering.guide) or visit: millsltd.com

MILLS MOBRA ARM MOUNTING KIT FOR COMMSCOPE TENIO CLOSURE

A complete mounting kit for mounting a standard Commscope Tenio enclosure directly to standard MOBRA arms.

The kit comprises:

- 1 x Tenio Enclosure Bracket
- 4 x Clevis Pins to attach Tenio to Bracket
- 1 x Tenio/Mobra Saddle Bracket



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for more info



PART NO.	DESCRIPTION	PRICE
S83-2581	MILLS MOBRA ARM MOUNTING KIT FOR COMMSCOPE TENIO CLOSURE	36.00



NOVUX HARDENED TERMINALS

Agile, flexible, future-proof. Sounds like a tall order. That's where CommScope's new NOVUX hardened terminals come in. The state-of-the-art design and innovative technology of our new terminals will help our provider partners ready their networks for the changes to come.

- Full size single fibre connector
- Feeder cable lengths 0-600m. Connector or stub.
- BLACK or GREY
- Up to 12 ports
- Minimized footprint for port count.
- Unique Network ID Plate, QR code.
- Uniform installation practice, documentation.
- Digital access to product information, via CommScope cTrack app.



NOVUX HT	TECHNOLOGIES AVAILABLE	SMALL	MEDIUM	LARGE	
HST Series	Single-fibre: P2P/no splitters	2 ports	6 ports	12 ports	
		4 ports	8 ports		
	Single-fibre: P2P w/splitters	2 ports, 1x1:2	8 ports, 2x1:4	12 ports, 3x1:4	
		4 ports, 1x1:4	8 ports, 1x1:8		
	Hybrid for multi-use			7 ports, 1x1:4 splitter, 3 P2P	12 ports, 1x1:8 splitter, 4 P2P
		4 ports, 1x1:2 splitter, 2 P2P	8 ports, 1x1:4 splitter, 4 P2P	11 ports, 2x1:4 splitter, 2 P2P, 1 HMF0C 4f	

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NOVUX HARDENED, PRE-CONNECTORISED DROP CABLE

The ultimate plug-and-play solution for cost-effective durable and reliable service connections, available in 4-fibre breakout assemblies.

- Technician friendly to greatly simplify installation and maintenance by minimizing splicing
- Available in dielectric and toneable hardened cable, with one or both ends connectorized in standard lengths, from 50 to 2,000 feet (15 to 610 meter)

FHD drop cables are ruggedly designed and hardened to protect from extreme outside plant temperatures, moisture, and chemicals.

Backward-compatible with older generations of hardened and nonhardened connector systems, FHD drop cable integrates seamlessly into existing fibre-optic networks. This series offers a large variety of cable types and innovative configurations.

All-in-one cable solution for indoor and outdoor fibre drop applications.

The universal drop cable is composed of exterior sheathing, which is hardened to withstand harsh outdoor conditions, and an inner 3-millimeter simplex cable, which is UL listed and approved for indoor use.

Transitioning from outdoor to indoor use is as simple as stripping the exterior sheathing from the drop assembly.



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CO-WMFE-FTTX WALL MOUNT FIBRE MANAGEMENT SYSTEM

The CO-WMFE-FTTX is a wall mounted fibre management system for broadband network architecture that provide optical signals to the customer premises.

- Compact and modular wall-mountable customer termination box
- Fibre splices can be managed in single circuits using the fibre organizing systems.
- Cable coming into the enclosure is hidden by protective tubing which is secured to the external wall (not included)
- Three fixing holes located on the box so it can be secured tightly to the external wall.



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OUTDOOR FIBRE DISTRIBUTION CLOSURES (OFDC)

CommScope offers the industry's most versatile Outdoor Fibre Distribution Closure (OFDC) family. Including three different series, the OFDC family accepts a wide range of distribution and drop cables thus responding to virtually all application requirements.

Each series has a common housing that can be configured to handle different connectivity solutions; such as splice-only, pre-connectorized drop cables, and field-installable connectors (FIC) significantly simplifying training.

Modularly built, it allows easy integration of optical components, even at later deployment stages, and easy pass-through cabling. Advanced gel sealing technology ensures fast and easy field handling without a need for special tools.

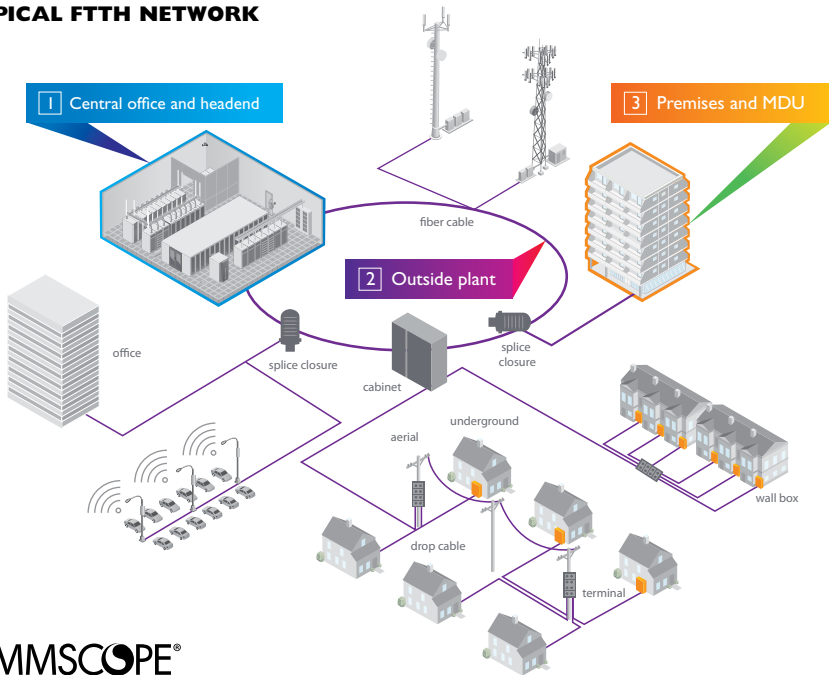
The field friendly design can be installed in pedestal, hand hole, pole or strand mount applications for fast and easy integration into the FTTx network. Strand, Ped and Pole mount bracket accessory kits are also available for easy installation.

- Compact design
- Separate zones for looped cable storage, splicing, and patching to drop cables
- Hinged cover provides individual access to drop cable connection area
- Housing designed for wrap around drop cable installation, enabling faster deployments
- Entire fibre management section can be removed from closure body
- Modular splice holders compatible with SMOUV splice protectors
- Suitable for housing field-installable optical components
- No special installation tools required
- Under and above-ground installation: pole, strand, wall and pedestal
- IP68 2-meter water head



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A TYPICAL FTTH NETWORK



COMMSCOPE®



Sales/Technical Support

tel: 020 8833 2626

fax: 020 8833 2600

PRYSMIAN LMJ LARGE MULTI-FUNCTION JOINT - MEDIUM CAP & ACCESSORIES

The LMJ is used for access applications within the external optical network and can be used for track, spur and loop applications.

It can accommodate a wide variety of cables such as loose tube, central loose tube, Flextube and blown fibre.

The modular tray system is designed for positive fibre management for Single Circuit Management (SCM) and Single Element Management (SEM), and the splice trays can accommodate a variety of different types of splice protectors and splitters.

The joint has ten circular ports and one oval port for mechanical entry. Mechanical glands are used to seal cables into the circular ports.

Multi way glands are also available to fit multiple cables into each circular port depending on the cable diameter.



A

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Prysmian Group

PART NO.	DESCRIPTION
XJTSC02366	A) PRYSMIAN LMJ LGE MULTI-FUNCTION JOINT - MEDIUM CAP
XJTSC02382	B) PRYSMIAN LMJ MECHANICAL OVAL PORT ENTRY KIT 6-8MM
XJTSC02597	C) PRYSMIAN LMJ WALL / POLE MOUNTING BRACKET
XJTSC03203	D) PRYSMIAN LMJ MOBRA MOUNTING BRACKET
XJTSC02953	E) PRYSMIAN LMJ UNIVERSAL MOBRA ARM MOUNTING KIT
XJTSC02548	F) PRYSMIAN LMJ HANDLE KIT
XJTSC02274	G) PRYSMIAN LMJ SUPPORT TOOL

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PRYSMIAN MECHANICAL OVAL PORT CABLE ENTRY KITS FOR LMJ CLOSURES

Prysmian Group



PART NO.	DESCRIPTION
XJTSC02269	A) PRYSMIAN MECHANICAL OVAL PORT CABLE ENTRY KIT 8-10MM FOR USE WITH LMJ
XJTSC02270	B) PRYSMIAN MECHANICAL OVAL PORT CABLE ENTRY KIT 10-12MM FOR USE WITH LMJ
XJTSC02271	C) PRYSMIAN MECHANICAL OVAL PORT CABLE ENTRY KIT 12-14MM FOR USE WITH LMJ
XJTSC02272	D) PRYSMIAN MECHANICAL OVAL PORT CABLE ENTRY KIT 14-16MM FOR USE WITH LMJ
XJTSC02273	E) PRYSMIAN MECHANICAL OVAL PORT CABLE ENTRY KIT 16-18MM FOR USE WITH LMJ
XJTSC01754	F) PRYSMIAN MECHANICAL CIRCULAR PORT CABLE MEDIUM ENTRY GLAND 7-20MM FOR USE WITH UMJ / CMJ / MMJ / LMJ

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PRYSMIAN MMJ MEDIUM MULTI-FUNCTION JOINT WITH TRAYS

The Medium Multi Function Joint (MMJ) is for jointing optical fibre cables.

The joint is ideal for use as a Cable Chamber Joint, Track Joint, Spur Joint or Distribution Joint due to its capacity and compact size. It has a maximum capacity of 288 fibres.

The splice trays are factory fitted and each tray can accommodate up to 12 spliced fibres.

A multi-functional bracket can be supplied with the joint which enables wall or pole mounting of the joint vertically or horizontally.

The joint has four circular ports for mechanical entry glands, one oval port for heat shrink or mechanical entry and two additional small circular ports also for heat shrink entry.

Visit millsstd.com for more info

For **MOBRA** Mounting - See page 146

PART NO.	DESCRIPTION
MMJ-F-X-XXXX-X-X-X	PRYSMIAN MMJ MEDIUM MULTI-FUNCTION JOINT WITH TRAYS
XJTSC00075	PRYSMIAN CMJ / MMJ SUPPORT TOOL
XJTSC01756	PRYSMIAN CMJ / MMJ OVAL PORT HEAT SHRINK ENTRY KIT
XJTSC01755	PRYSMIAN CMJ / MMJ CIRCULAR PORT ENTRY ARAMID GLANDS 4WAY 5-7MM
XJTSC02768	PRYSMIAN CMJ / MMJ CIRCULAR PORT ENTRY CSM GLANDS 4WAY 5-7MM

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PRYSMIAN CMJ COMPACT MULTI-FUNCTION JOINT WITH TRAYS

The Compact Multi Function Joint (CMJ) is for jointing optical fibre cables. The joint is ideal for use as a Cable Chamber Joint, Track Joint, Spur Joint or Distribution Joint due to its capacity and compact size.

It has a maximum capacity of 144 fibres. The splice trays are factory fitted and each tray can accommodate up to 12 spliced fibres.

A multi-functional bracket can be supplied with the joint which enables wall or pole mounting of the joint vertically or horizontally.

The joint has four circular ports for mechanical entry glands, one oval port for heat shrink or mechanical entry and two additional small circular ports also for heat shrink entry.

Visit millsstd.com for more info

For **MOBRA** Mounting - See page 146

PART NO.	DESCRIPTION
CMJ-F-X-XXXX-X-X-X	PRYSMIAN CMJ COMPACT MULTI-FUNCTION JOINT WITH TRAYS
XJTSC00075	PRYSMIAN CMJ / MMJ SUPPORT TOOL
XJTSC01756	PRYSMIAN CMJ / MMJ OVAL PORT HEAT SHRINK ENTRY KIT
XJTSC01755	PRYSMIAN CMJ / MMJ CIRCULAR PORT ENTRY ARAMID GLANDS 4WAY 5-7MM
XJTSC02768	PRYSMIAN CMJ / MMJ CIRCULAR PORT ENTRY CSM GLANDS 4WAY 5-7MM

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A) PRYSMIAN SJC SMALL JOINT CLOSURE WITH 2 CABLE ENTRIES FOR CABLE 5-9MM

The SJC Closure is a splice closure that is used for track or branch applications. It has 4 cable entry ports, a splice cassette for 24 splices and a cable management and storage area. The closure is sealed to IP68 for water and dust tightness. The closure is supplied with four knock-out ports and two entry glands. Up to two additional entry glands can be ordered separately.

B) PRYSMIAN SJC CABLE ENTRY KIT 6-12MM

The cable entry kit is used to install an additional cable into the joint. It contains a cable gland, a cable tie and foam tape. For cables between 6-12mm.



**Prysmian
Group**

PART NO.	DESCRIPTION
XJTSC02335	A) SJC SMALL JOINT CLOSURE FOR CABLE 5-9MM
XJTSC02471	B) SJC CABLE ENTRY KIT 6-12MM

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PRYSMIAN CASALINK CBTs

The Casalink Block Terminal (CBT) is a pre-connectorised closure designed for use in the external environment with an IP rating of IP68.

The closure comes in three sizes, 4, 8 and 12 Drop. The closure is supplied with 100M of cable preinstalled into the box terminated on to SC/APC adapters.

Alternatively the CBT can be supplied with splitters installed. These can include unbalanced splitters to allow connecting multiple boxes to one another. For more details on this please contact sales for further information.

The drop cables can be easily installed into the drop ports. The closure is supplied sealed so the internal workings cannot be tampered with.

The closure is supplied with a separate mounted bracket to ease the installation when working at height.



Prysmian Group

PART NO.	DESCRIPTION
XCPSC03740	A) PRYSMIAN CASALINK BLOCK TERMINAL 8 PORT 100M PIA APPROVED
XCPSC03741	B) PRYSMIAN CASALINK BLOCK TERMINAL 4 PORT 100M PIA APPROVED
XCPSC03926	C) PRYSMIAN CASALINK BLOCK TERMINAL 12 PORT 100M PIA APPROVED

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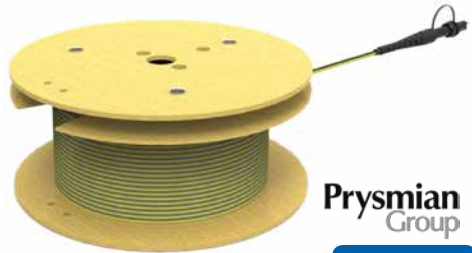
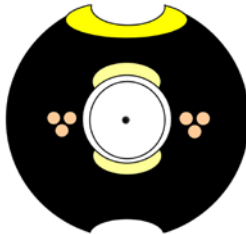
PRYSMIAN CASALINK DROPCABLES

Prysmian CasaLink Block Terminal (CBT) Drop cables are of a single fibre design terminated at one end with an SC/APC connector.

This connector is housed in a shroud and has a pulling eye to support installation.

The terminated end is secured into the Casalink Block Terminal (CBT), and the unterminated end is spliced at the customer premise.

In addition to pre-terminated CBT drop cables, a termination kit is also available that provides all the components for local termination.



Prysmian Group

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PART NO.	DESCRIPTION
XPCSC01138	PRYSMIAN CASALINK BLOCK TERMINAL 1F DROP CABLE 20M PIA APPROVED
XPCSC01141	PRYSMIAN CASALINK BLOCK TERMINAL 1F DROP CABLE 35M PIA APPROVED
XPCSC01214	PRYSMIAN CASALINK BLOCK TERMINAL 1F DROP CABLE 65M PIA APPROVED
XPCSC01215	PRYSMIAN CASALINK BLOCK TERMINAL 1F DROP CABLE 105M PIA APPROVED
XPCSC01159	PRYSMIAN CASALINK BLOCK TERMINAL 1F DROP CABLE 160M PIA APPROVED

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PRYSMIAN CASALINK CBT CUSTOMER DROP CABLE TERMINATION KIT

A) For the termination of alternative customer drop cable enabling the fibre termination to interface with Prysmian Casalink CBTs.

B) The Prysmian CBT Pole Strap kit is used to fix a CBT to a pole. The Clamps are made from stainless steel for durability and strength.



PART NO.	DESCRIPTION
XKTSC01443	A) PRYSMIAN CASALINK CBT CUSTOMER DROP CABLE TERMINATION KIT 3MM
XKTSC01442	A) PRYSMIAN CASALINK CBT CUSTOMER DROP CABLE TERMINATION KIT 6MM
XCPSC03749	B) PRYSMIAN CBT POLE STRAP KIT

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Prysmian Group

PRYSMIAN HDB4 HYBRID DROP BOXES

The Hybrid Drop Box (HDB4) is a wall mounted product used for the splicing of up to 4 fibres and up to four customer drop cables.

It has the added feature of a copper storage area to accommodate a hybrid cable and is supplied with two cable entry seals for the two input cable ports and four drop ports.

The HDB4 can accommodate cables from 3 to 7 mm and is supplied with an extra knock-out port on the back for through wall applications.

It can be mounted on a wall with the included fastening materials and fits directly onto standard S83-2759 Connector Bend 4 to hide primary cable routings.

Supplied with two duplex LC/APC adaptors and pigtails for connectorised drops.

**Prysmian
Group**



PART NO.	DESCRIPTION
XCPCSC03044	PRYSMIAN HDB4 HYBRID DROP BOX 2X LC/APC DUPLEX
XCPCSC03043	PRYSMIAN HDB4 HYBRID DROP BOX 2X SC/APC SIMPLEX
XCPCSC03029	PRYSMIAN HDB4 HYBRID DROP BOX SPLICE ONLY

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PRYSMIAN 36F AND 48F ULTRA-LIGHT WEIGHT (ULW) OVERHEAD AND UNDERGROUND CABLE



**Prysmian
Group**

PART NO.	DESCRIPTION
60048617	A) 36F ULTRA-LIGHT WEIGHT (ULW) (2KM REEL)
60050990	B) 48F ULTRA-LIGHT WEIGHT (ULW) (2KM REEL)

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These multi-unit optical drop cables are designed for aerial and/or duct applications and are suitable for use under 11kV power cables.

A) PRYSMIAN 36F ULTRA-LIGHT WEIGHT (ULW) CABLE (2KM REEL)

Layout: 3 x 12 singlemode fibres. Cable Diameter: 7.0mm

B) PRYSMIAN 48F ULTRA-LIGHT WEIGHT (ULW) CABLE (2KM REEL)

Layout: 4 x 12 singlemode fibres. Cable Diameter: 7.1mm

The fibre is supplied in a 2km length on plywood reels, longer lengths are available on request.

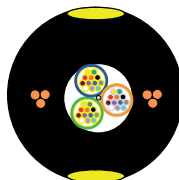


Image shown is of the 36F variant, not to scale.

- Optical fibre: Singlemode G.657.A1.
- Strength member: 3 x 0.32mm brass plated steel wires.
- Longitudinal Water Tightness: Water swellable elements (core only).
- Inner Sheath: HDPE.
- Stripes: Indicate planes for easy sheath removal.
- 36F Drum Height: 44cm.
- 36F Drum Diameter: 80cm.
- Max Installation Tension: 1200N.
- Maximum Breaking Load: 2000N.

A) PRYSMIAN SPLICE PROTECTORS 45MM PK50

Prysmian splice protectors for protection of the fibre splice. They are 2.2mm in diameter and 45mm in length.

B) PRYSMIAN GLAND WRENCH

The gland spanner is used to tighten the cable glands used for circular port entry. The spanner has a flat profile on one end and a cupped profile on the other end.

The cupped profile is used to tighten or loosen a gland already installed into the joint in cases where additional cable entry is required.



PART NO.	DESCRIPTION	PRICE
XPESC00053	A) PRYSMIAN SPLICE PROTECTORS 45MM PK50	12.05
XJTSC02320	B) PRYSMIAN GLAND WRENCH	2.06

**Prysmian
Group**

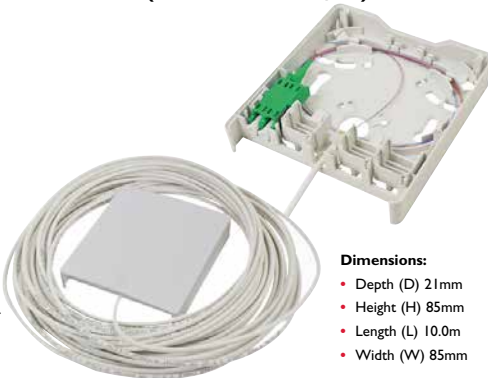
HELLERMANNITYTON FIBRE WALL OUTLET (FWOA-AXW21-010/WH)

A wall-mounted fibre optic outlet with a pre-terminated connection cable provides an internal connection point in the end-user's house or apartment.

The pre-terminated cable allows the installer to complete all splicing of fibre cable away from the customer premises.

It is supplied with a 2-fibre G657.A1 10m cable that has been pre-terminated with a single LC-APC connector and the outlet comes fitted with a duplex LC -APC adaptor. Other lengths are available upon request.

Fibre management features ensure a minimum bend radius of 30mm is maintained as the bare fibre is routed through the outlet and strain relief and anchor points secure the incoming cable.



Dimensions:

- Depth (D) 21mm
- Height (H) 85mm
- Length (L) 10.0m
- Width (W) 85mm



HellermannTyton

PART NO.	DESCRIPTION
FWOA-AXW21-010/WH	FIBRE WALL OUTLET

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HELLERMANNITYTON CUSTOMER CONNECTION POINT (CCPA-M11ILP/BK-0)

The Customer Connection Point closure has been designed to be used as an external building entry point.

The closure can be wall/facade mounted or put in to a buried chamber (located at the property boundary or just outside the point of access) providing an external building entry point and network test point.

The unit is supplied with 1 x LC-PC Duplex and 1 LC-PC Pigtail and provides splice management for 2 x 3A or 2 x ANT splices.

The closure has 2 separate cable access points which are sealed with a silicon cable entry kit (cable diameter range 4.6mm - 5.6mm) to maintain the IP68 rating.

A gortex breather membrane is fitted to the lid to prevent condensation forming in the base of the closure.

Internal fibre management features ensure that a 30mm minimum bend radius is maintained within the closure and provides fibre storage capacity for any excess fibre.



HellermannTyton

- 1 x LC PC Duplex Adaptor and 2 x LC PC Pigtails
- Fibre management for 2 x 3A or 2 x ANT splices
- Integral positive fibre management and fibre storage capacity
- Separate inbound/outbound access points
- Fully detachable snap on lid
- IP68/IK08 Rated



PART NO.	DESCRIPTION
CCPA-M11ILP/BK-0	CUSTOMER CONNECTION POINT

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HELLERMANNITYTON CUSTOMER CONNECTION ENCLOSURE (CCE-A11I21A11/BK)

The Customer Connection Enclosure (CCE) has been designed to be used as an external building entry point. The closure can be wall mounted providing a fibre termination and external network test point. The CCE has been designed to be the same size as a 'Brick Blow-Out Cover' to cover any unsightly damage caused by drilling.

It is supplied with 1 x LC-APC Duplex adaptor and features fibre management for 4 x 3A splices.

The closure has 6 entry/exit ports at the bottom of the closure which are suitable for cables and ducts up to a maximum diameter of 8.5mm. A loop through facility allows for single fibre elements to be removed and spliced whilst the remaining fibres can be fed onto the next connection point.

A single port in the rear of the closure allows for fibre to be passed through the wall into the customer premises. Mechanical fixing is provided to secure all incoming/outgoing cables/blown fibre ducts and to provide strain relief where necessary.



HellermannTyton

PART NO.	DESCRIPTION
CCE-A11I21A11/BK	CUSTOMER CONNECTION ENCLOSURE



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HELLERMANN TYTON S1 SERIES MDU/MBU ENCLOSURE

Designed for deployment within the last mile of the FTTx network. This enclosure can be used within a Point to Point (P2P) or Point to Multi Point (P2MP) network with the addition of PLC splitters, connectorised or bare end, pigtails and adaptors.

- 8 LC-APC Simplex Adaptors and Pigtails
- 2 Inbound/8 Outbound ports
- Separation of inbound fibre from connectorised drop cables
- Positive fibre management to maintain consistent 30mm minimum bend
- PLC splitter accommodation (60mm x 7mm x 4mm)
- Supports 3A splice protector types
- IP55/IK08 & UV Stable

The enclosure has 3 separate management areas for inbound cable, fibre splice management and drop cable (customer connection) management.

The inbound cable management area has a dedicated cable entry port which supports both cable end and mid-span applications with loop storage capacity for up to 1.5 m of excess fibre and the entry port is sealed with a cable entry kit (cable diameter 10mm - 15mm) to maintain the IP55 rating.

**HellermannTyton**

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PART NO.	DESCRIPTION
MDU-S1-01LC08RA1	S1 SERIES MDU/MBU ENCLOSURE

HELLERMANN TYTON S3 SERIES MDU/MBU ENCLOSURE

Designed for deployment within the last mile of the FTTx network. This enclosure can be used within a Point to Point (P2P) or Point to Multi Point (P2MP) with the addition of PLC splitters, connectorised or bare end, pigtails and adaptors. The S3 enclosure is configured with the HellermannTyton 250 µm IR Management System. The management system accommodates 4 SC-B R trays giving a maximum of 48 3A fibre splices and 3 PLC splitters. The position of the fibre management system allows for easy access for the routing of fibre onto the trays.

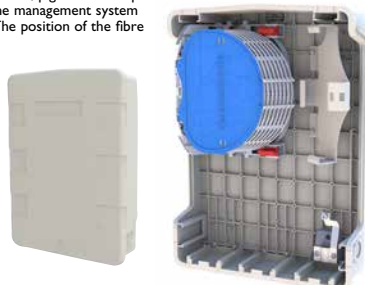
- 8 LC-APC Simplex Adaptors and Pigtails
- Maximum 96 Fibre Splices
- 250 µm IR Angled Fibre Management System with provision for 3 PLC Splitters
- 8 SC-B IR Trays
- 3 x Entry/Exit Port Blanks
- Loop Storage Basket
- Strength Member Anchor
- In-built spirit level
- IP54/IK08 & UV Stable

Fibre slot retaining blocks guide the fibre elements onto the IR system; the foam pad on the retainer is partially cut through to accommodate a range of fibre counts.

All IR system cover plates are coloured blue identifying them as removable parts allowing access to the fibre; the fibre retaining block and tray retaining clips are coloured red to aid in identification if they are dropped. A loop storage basket provides space for the storage of fibre loops.

Designed with 7 input/output ports, 3 across the bottom, 2 on the top and 1 on each side, each port will accommodate a 20 mm cable gland.

A 100 x 25 mm inset position on the front cover allows for a customer logo to be moulded in to the enclosure.

**HellermannTyton**

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PART NO.	DESCRIPTION
MDU-S3-BXN1	S3 SERIES MDU/MBU ENCLOSURE

HELLERMANN TYTON S5 SERIES MDU/MBU ENCLOSURE

Designed for deployment within the last mile of the FTTx network. This enclosure can be used within a Point to Point (P2P) or Point to Multi Point (P2MP) with the addition of PLC splitters, connectorised or bare end, pigtails and adaptors.

The S5 enclosure is configured with the HellermannTyton 250 µm IR Management System.

The management system is mounted on an aluminium backplane which accommodates 36 SC-B trays giving a maximum of 432 3A fibre splices.

- Maximum 432 Fibre Splices
- 250 µm IR Fibre Management System
- 36 SC-B Trays
- 2 Loop Storage Managers
- 4 x Entry/Exit Port Blanks
- Strength Member Anchor
- In-built spirit level
- IP54/IK08 & UV Stable

The position of the fibre management system allows for easy access for the routing of fibre onto the trays.

The trays and fibre optic routing modules are white which makes it easy to see the colour of the fibre elements as they are routed through the positive fibre management system.

Designed with 8 dual input/output ports, 4 across the bottom, 2 on the top and 2 on each side, each port will accommodate a 20 or 25 mm cable gland.

A 100 x 25 mm inset position on the front cover allows for a customer logo to be moulded into the enclosure.

**HellermannTyton**

RING SALES FOR
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PART NO.	DESCRIPTION
MDU-S5-LLXN	S5 SERIES MDU/MBU ENCLOSURE

Fibre Optic Cable - Cut To Length!



IN STOCK NOW FOR NEXT DAY DELIVERY!

Mills now hold extensive stock of internal/external grade OM1 (62.5/125µm), OM2 (50/125µm), OM3 (laser enhanced 50/125µm) fibre in 4 to 24 core Tight Buffered and Loose Tube constructions at our warehouse in London.

We can cut to your desired length, spool on to a drum and deliver next day or alternatively you can collect from our trade counter in London on the same day. OM4 & Singlemode cable available upon request.



Priced per metre. Non returnable and non-refundable once cut. Minimum order quantity 50m. Singlemode, Armoured and Zipcord cables are available upon request. Please call sales for details.

PART NO.	DESCRIPTION		
T70-4210	4 CORE OM1	62.5/125µ	LOOSE TUBE
T70-4211	8 CORE OM1	62.5/125µ	LOOSE TUBE
T70-5060	12 CORE OM1	62.5/125µ	LOOSE TUBE
T70-4227	24 CORE OM1	62.5/125µ	LOOSE TUBE
T70-4212	4 CORE OM2	50/125µ	LOOSE TUBE
T70-4213	8 CORE OM2	50/125µ	LOOSE TUBE
T70-5061	12 CORE OM2	50/125µ	LOOSE TUBE
T70-5062	24 CORE OM2	50/125µ	LOOSE TUBE
T70-4214	4 CORE OM3	50/125µ	LOOSE TUBE
T70-4215	8 CORE OM3	50/125µ	LOOSE TUBE
T70-5063	12 CORE OM3	50/125µ	LOOSE TUBE
T70-4231	24 CORE OM3	50/125µ	LOOSE TUBE
T70-5064	4 CORE OM4	50/125µ	LOOSE TUBE
T70-5065	8 CORE OM4	50/125µ	LOOSE TUBE
T70-5066	12 CORE OM4	50/125µ	LOOSE TUBE
T70-5067	24 CORE OM4	50/125µ	LOOSE TUBE
T70-4216	4 CORE OM1	62.5/125µ	TIGHT BUFFERED
T70-4217	8 CORE OM1	62.5/125µ	TIGHT BUFFERED
T70-5068	12 CORE OM1	62.5/125µ	TIGHT BUFFERED
T70-4233	24 CORE OM1	62.5/125µ	TIGHT BUFFERED
T70-4218	4 CORE OM2	50/125µ	TIGHT BUFFERED
T70-4219	8 CORE OM2	50/125µ	TIGHT BUFFERED
T70-5069	12 CORE OM2	50/125µ	TIGHT BUFFERED
T70-5070	24 CORE OM2	50/125µ	TIGHT BUFFERED
T70-4220	4 CORE OM3	50/125µ	TIGHT BUFFERED
T70-4221	8 CORE OM3	50/125µ	TIGHT BUFFERED
T70-4236	12 CORE OM3	50/125µ	TIGHT BUFFERED
T70-4237	24 CORE OM3	50/125µ	TIGHT BUFFERED
T70-5071	4 CORE OM4	50/125µ	TIGHT BUFFERED
T70-5072	8 CORE OM4	50/125µ	TIGHT BUFFERED
T70-5073	12 CORE OM4	50/125µ	TIGHT BUFFERED
T70-5074	24 CORE OM4	50/125µ	TIGHT BUFFERED
T70-5075	4 CORE OS2	50/125µ	TIGHT BUFFERED
T70-5076	8 CORE OS2	50/125µ	TIGHT BUFFERED
T70-5077	12 CORE OS2	50/125µ	TIGHT BUFFERED
T70-5078	24 CORE OS2	50/125µ	TIGHT BUFFERED
T70-5079	4 CORE OS2	50/125µ	LOOSE TUBE
T70-5080	8 CORE OS2	50/125µ	LOOSE TUBE
T70-5081	12 CORE OS2	50/125µ	LOOSE TUBE
T70-5082	24 CORE OS2	50/125µ	LOOSE TUBE

RING SALES FOR **SPECIAL PRICES** OR VISIT millsltd.com

PRE-TERMINATED CABLE ASSEMBLIES

Our pre-terms are normally available within 3 working days in a wide variety of cable constructions and connector terminations.

Standard Configurations:

- Includes a pulling sock similar to the one shown in the image
- Supplied on a cable drum for quick installation.
- Labelling options are available, please specify your requirements at time of order
- All fan out pre-terms are supplied with a 1 metre breakout configuration
- All pre-terms are serial numbered



RING SALES FOR **MORE DETAILS**

LC-LC MULTIMODE DUPLEX PATCH CORDS

Available in OM1 (62/125µM), OM3 (50/125µM), OM4 (50/125µM) & OM5 (50/125µM)



PART NO.	DESCRIPTION	PRICE
T70-2334	1M LC-LC DUPLEX OM1 (62/125µM)	4.53
T70-2335	2M LC-LC DUPLEX OM1 (62/125µM)	4.86
T70-2336	3M LC-LC DUPLEX OM1 (62/125µM)	5.19
T70-0097	5M LC-LC DUPLEX OM1 (62/125µM)	5.85
T70-0098	10M LC-LC DUPLEX OM1 (62/125µM)	7.50
T70-0099	1M LC-LC DUPLEX OM3 (50/125µM)	4.59
T70-0100	2M LC-LC DUPLEX OM3 (50/125µM)	5.01
T70-0101	3M LC-LC DUPLEX OM3 (50/125µM)	5.38
T70-0102	5M LC-LC DUPLEX OM3 (50/125µM)	6.18
T70-0103	10M LC-LC DUPLEX OM3 (50/125µM)	8.16
T70-5500	1M LC-LC DUPLEX OM4 (50/125µM)	4.90
T70-5501	2M LC-LC DUPLEX OM4 (50/125µM)	5.60
T70-5502	3M LC-LC DUPLEX OM4 (50/125µM)	6.30
T70-5503	5M LC-LC DUPLEX OM4 (50/125µM)	7.70
T70-5504	10M LC-LC DUPLEX OM4 (50/125µM)	11.21
T70-0434	1M LC-LC DUPLEX OM5 (50/125µM)	7.86
T70-0437	2M LC-LC DUPLEX OM5 (50/125µM)	11.40
T70-0448	3M LC-LC DUPLEX OM5 (50/125µM)	14.92
T70-0453	5M LC-LC DUPLEX OM5 (50/125µM)	21.98
T70-0462	10M LC-LC DUPLEX OM5 (50/125µM)	39.64

LC-SC MULTIMODE DUPLEX PATCH CORDS

Available in OM1 (62/125µM), OM3 (50/125µM), OM4 (50/125µM) & OM5 (50/125µM)



PART NO.	DESCRIPTION	PRICE
T70-2265	1M LC-SC DUPLEX OM1 (62/125µM)	4.12
T70-2266	2M LC-SC DUPLEX OM1 (62/125µM)	4.42
T70-2267	3M LC-SC DUPLEX OM1 (62/125µM)	4.72
T70-0106	5M LC-SC DUPLEX OM1 (62/125µM)	5.31
T70-0107	10M LC-SC DUPLEX OM1 (62/125µM)	6.82
T70-0108	1M LC-SC DUPLEX 50/125µM (OM3)	4.17
T70-0109	2M LC-SC DUPLEX 50/125µM (OM3)	4.55
T70-0110	3M LC-SC DUPLEX 50/125µM (OM3)	4.89
T70-0111	5M LC-SC DUPLEX 50/125µM (OM3)	5.61
T70-0112	10M LC-SC DUPLEX 50/125µM (OM3)	7.42
T70-5505	1M LC-SC DUPLEX OM4 (50/125µM)	4.46
T70-5506	2M LC-SC DUPLEX OM4 (50/125µM)	5.10
T70-5507	3M LC-SC DUPLEX OM4 (50/125µM)	5.73
T70-5508	5M LC-SC DUPLEX OM4 (50/125µM)	7.00
T70-5509	10M LC-SC DUPLEX OM4 (50/125µM)	10.19
T70-0774	1M LC-SC DUPLEX OM5 (50/125µM)	7.86
T70-0793	2M LC-SC DUPLEX OM5 (50/125µM)	11.40
T70-0794	3M LC-SC DUPLEX OM5 (50/125µM)	14.92
T70-0795	5M LC-SC DUPLEX OM5 (50/125µM)	21.98
T70-0796	10M LC-SC DUPLEX OM5 (50/125µM)	39.64

SC-SC MULTIMODE DUPLEX PATCH CORDS

Available in OM1 (62/125µM), OM3 (50/125µM), OM4 (50/125µM) & OM5 (50/125µM)



FIBRE FACT:

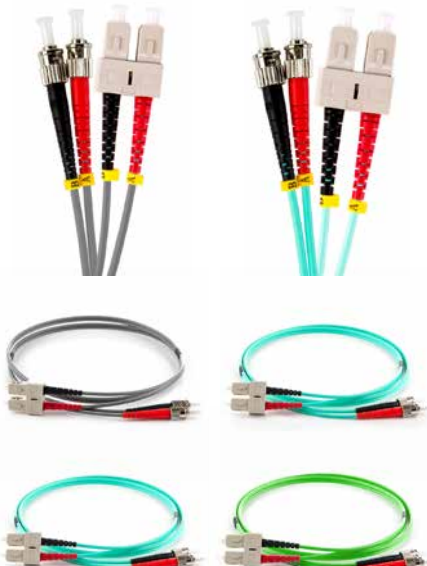
OM1 patch cords are used in legacy 1000Base-X networks common in LAN applications with LED based equipment



PART NO.	DESCRIPTION	PRICE
T70-2235	1M SC-SC DUPLEX OM1 (62/125µM)	3.78
T70-2236	2M SC-SC DUPLEX OM1 (62/125µM)	4.05
T70-2237	3M SC-SC DUPLEX OM1 (62/125µM)	4.33
T70-2238	5M SC-SC DUPLEX OM1 (62/125µM)	4.87
T70-2239	10M SC-SC DUPLEX OM1 (62/125µM)	6.25
T70-0071	1M SC-SC DUPLEX OM3 (50/125µM)	3.83
T70-0072	2M SC-SC DUPLEX OM3 (50/125µM)	4.17
T70-0073	3M SC-SC DUPLEX OM3 (50/125µM)	4.48
T70-0074	5M SC-SC DUPLEX OM3 (50/125µM)	5.15
T70-0075	10M SC-SC DUPLEX OM3 (50/125µM)	6.80
T70-5515	1M SC-SC DUPLEX OM4 (50/125µM)	4.09
T70-5516	2M SC-SC DUPLEX OM4 (50/125µM)	4.67
T70-5517	3M SC-SC DUPLEX OM4 (50/125µM)	5.25
T70-5518	5M SC-SC DUPLEX OM4 (50/125µM)	6.42
T70-5519	10M SC-SC DUPLEX OM4 (50/125µM)	9.34
T70-0833	1M SC-SC DUPLEX OM5 (50/125µM)	7.86
T70-0840	2M SC-SC DUPLEX OM5 (50/125µM)	11.40
T70-0844	3M SC-SC DUPLEX OM5 (50/125µM)	14.92
T70-0846	5M SC-SC DUPLEX OM5 (50/125µM)	21.98
T70-0852	10M SC-SC DUPLEX OM5 (50/125µM)	35.52

ST-SC MULTIMODE DUPLEX PATCH CORDS

Available in OM1 (62/125µM), OM3 (50/125µM), OM4 (50/125µM) & OM5 (50/125µM)



FIBRE FACT:

OM3 fibre is optimised for laser based equipment and is most commonly used to deliver 10 Gigabit Ethernet at lengths up to 300 meters.



PART NO.	DESCRIPTION	PRICE
T70-2245	1M ST-SC DUPLEX OM1 (62/125µM)	3.78
T70-2246	2M ST-SC DUPLEX OM1 (62/125µM)	4.05
T70-2247	3M ST-SC DUPLEX OM1 (62/125µM)	4.33
T70-2248	5M ST-SC DUPLEX OM1 (62/125µM)	4.87
T70-2249	10M ST-SC DUPLEX OM1 (62/125µM)	6.25
T70-0076	1M ST-SC DUPLEX OM3 (50/125µM)	3.83
T70-0077	2M ST-SC DUPLEX OM3 (50/125µM)	4.17
T70-0078	3M ST-SC DUPLEX OM3 (50/125µM)	4.48
T70-0079	5M ST-SC DUPLEX OM3 (50/125µM)	5.15
T70-0080	10M ST-SC DUPLEX OM3 (50/125µM)	6.80
T70-5520	1M ST-SC DUPLEX OM4 (50/125µM)	4.09
T70-5521	2M ST-SC DUPLEX OM4 (50/125µM)	4.67
T70-5522	3M ST-SC DUPLEX OM4 (50/125µM)	5.25
T70-5523	5M ST-SC DUPLEX OM4 (50/125µM)	6.42
T70-5524	10M ST-SC DUPLEX OM4 (50/125µM)	9.34
T70-0855	1M ST-SC DUPLEX OM5 (50/125µM)	7.86
T70-0881	2M ST-SC DUPLEX OM5 (50/125µM)	11.40
T70-0884	3M ST-SC DUPLEX OM5 (50/125µM)	14.92
T70-0895	5M ST-SC DUPLEX OM5 (50/125µM)	21.98
T70-0910	10M ST-SC DUPLEX OM5 (50/125µM)	39.64

ST-ST MULTIMODE DUPLEX PATCH CORDS

Available in OM1 (62/125µM), OM3 (50/125µM),
OM4 (50/125µM) & OM5 (50/125µM)

**FIBRE FACT:**

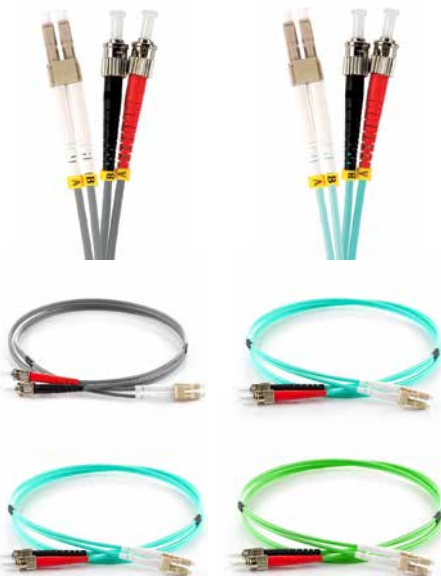
OM4 was developed specifically for equipment featuring VSCSEL laser transmission and allows 10 Gigabit Ethernet link distances of up to 550m compared to 300M with OM3. OM4 fibre is completely backwards compatible with OM3.



PART NO.	DESCRIPTION	PRICE
T70-2225	1M ST-ST DUPLEX OM1 (62/125µM)	3.78
T70-2226	2M ST-ST DUPLEX OM1 (62/125µM)	4.05
T70-2227	3M ST-ST DUPLEX OM1 (62/125µM)	4.33
T70-2228	5M ST-ST DUPLEX OM1 (62/125µM)	4.87
T70-2229	10M ST-ST DUPLEX OM1 (62/125µM)	6.25
T70-0081	1M ST-ST DUPLEX OM3 (50/125µM)	3.83
T70-0082	2M ST-ST DUPLEX OM3 (50/125µM)	4.17
T70-0083	3M ST-ST DUPLEX OM3 (50/125µM)	4.48
T70-0084	5M ST-ST DUPLEX OM3 (50/125µM)	5.15
T70-0085	10M ST-ST DUPLEX OM3 (50/125µM)	6.80
T70-5525	1M ST-ST DUPLEX OM4 (50/125µM)	4.09
T70-5526	2M ST-ST DUPLEX OM4 (50/125µM)	4.67
T70-5527	3M ST-ST DUPLEX OM4 (50/125µM)	5.25
T70-5528	5M ST-ST DUPLEX OM4 (50/125µM)	6.42
T70-5529	10M ST-ST DUPLEX OM4 (50/125µM)	9.34
T70-0897	1M ST-ST DUPLEX OM5 (50/125µM)	7.86
T70-0927	2M ST-ST DUPLEX OM5 (50/125µM)	11.40
T70-0928	3M ST-ST DUPLEX OM5 (50/125µM)	14.92
T70-0930	5M ST-ST DUPLEX OM5 (50/125µM)	21.98
T70-0931	10M ST-ST DUPLEX OM5 (50/125µM)	39.64

LC-ST MULTIMODE DUPLEX PATCH CORDS

Available in OM1 (62/125µM), OM3 (50/125µM), OM4 (50/125µM) & OM5 (50/125µM)

**FIBRE FACT:**

OM5 fibre is designed specifically for high-speed data centre applications over short to medium ranges. Operating in the 850 to 950 nm range, OM5 can provide 100 GB data streams with just one pair of parallel fibres.



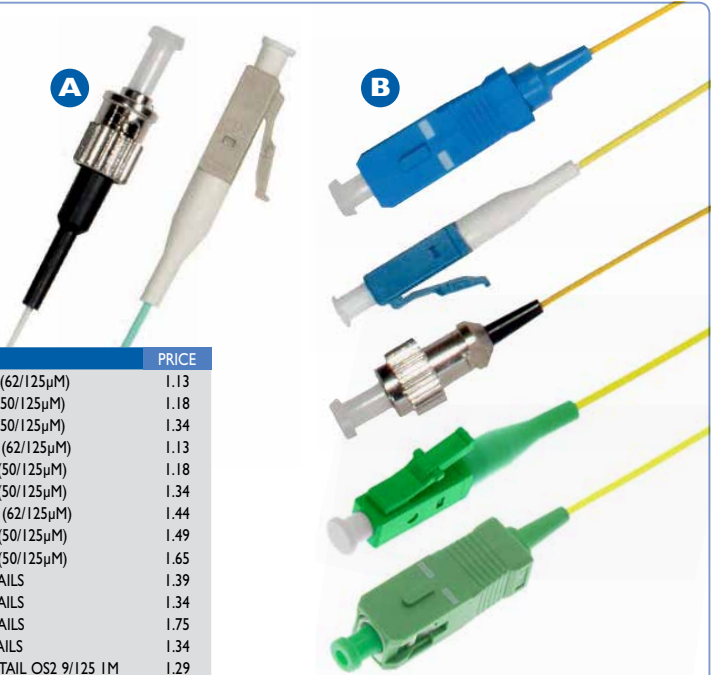
PART NO.	DESCRIPTION	PRICE
T70-2340	1M LC-ST DUPLEX OM1 (62/125µM)	4.12
T70-2341	2M LC-ST DUPLEX OM1 (62/125µM)	4.42
T70-2261	3M LC-ST DUPLEX OM1 (62/125µM)	4.72
T70-0088	5M LC-ST DUPLEX OM1 (62/125µM)	5.31
T70-0089	10M LC-ST DUPLEX OM1 (62/125µM)	6.82
T70-0090	1M LC-ST DUPLEX OM3 (50/125µM)	4.17
T70-0091	2M LC-ST DUPLEX OM3 (50/125µM)	4.55
T70-0092	3M LC-ST DUPLEX OM3 (50/125µM)	4.89
T70-0093	5M LC-ST DUPLEX OM3 (50/125µM)	5.61
T70-0094	10M LC-ST DUPLEX OM3 (50/125µM)	7.42
T70-5510	1M LC-ST DUPLEX OM4 (50/125µM)	4.46
T70-5511	2M LC-ST DUPLEX OM4 (50/125µM)	5.10
T70-5512	3M LC-ST DUPLEX OM4 (50/125µM)	5.73
T70-5513	5M LC-ST DUPLEX OM4 (50/125µM)	7.00
T70-5514	10M LC-ST DUPLEX OM4 (50/125µM)	10.19
T70-0797	1M LC-ST DUPLEX OM5 (50/125µM)	7.86
T70-0798	2M LC-ST DUPLEX OM5 (50/125µM)	11.40
T70-0799	3M LC-ST DUPLEX OM5 (50/125µM)	14.92
T70-0816	5M LC-ST DUPLEX OM5 (50/125µM)	21.98
T70-0817	10M LC-ST DUPLEX OM5 (50/125µM)	35.95

A) MULTIMODE PIGTAILS

Multimode: available with ST, SC and LC connectors. 1m in length – other lengths available on request. Available in OM1, OM3 and OM4.

B) SINGLEMODE PIGTAILS

Singlemode: available with ST, SC, FC, LC, LC/APC and SC/APC connectors. 1m in length – other lengths available on request. Available in OS2.



PART NO.	DESCRIPTION	PRICE
T70-2326	A) ST 1M MULTIMODE OM1 (62/125µM)	1.13
T70-0114	A) ST 1M MULTIMODE OM3 (50/125µM)	1.18
T70-5610	A) ST 1M MULTIMODE OM4 (50/125µM)	1.34
T70-2327	A) SC 1M MULTIMODE OM1 (62/125µM)	1.13
T70-0115	A) SC 1M MULTIMODE OM3 (50/125µM)	1.18
T70-5611	A) SC 1M MULTIMODE OM4 (50/125µM)	1.34
T70-0526	A) LC 1M MULTIMODE OM1 (62/125µM)	1.44
T70-0527	A) LC 1M MULTIMODE OM3 (50/125µM)	1.49
T70-5612	A) LC 1M MULTIMODE OM4 (50/125µM)	1.65
T70-2322	B) FC 1M SINGLEMODE PIGTAILS	1.39
T70-2323	B) SC 1M SINGLEMODE PIGTAILS	1.34
T70-0116	B) LC 1M SINGLEMODE PIGTAILS	1.75
T70-0528	B) ST 1M SINGLEMODE PIGTAILS	1.34
T70-0430	B) LC/APC SINGLEMODE PIGTAIL OS2 9/125 1M	1.29
T70-0431	B) SC/APC SINGLEMODE PIGTAIL OS2 9/125 1M	1.25

LC-LC SINGLEMODE PATCH CORDS

9/125µm Singlemode OS2 fibre optic patch cords are used to connect longer distance networks, between buildings and campuses and in long-distance metropolitan and access telecoms and CATV networks.

All assemblies are fully tested prior to delivery and supplied with test result.

OS2 singlemode patch cords are supplied using 3mm (for additional ruggedising) cable with a yellow LSZH cable jacket as standard.



PART NO.	DESCRIPTION	PRICE
T70-2302	1M LC-LC OS1 SINGLEMODE	5.17
T70-2303	2M LC-LC OS1 SINGLEMODE	5.38
T70-2304	3M LC-LC OS1 SINGLEMODE	5.58
T70-2305	5M LC-LC OS1 SINGLEMODE	5.99
T70-2306	10M LC-LC OS1 SINGLEMODE	7.02

LC-ST SINGLEMODE PATCH CORDS

9/125µm Singlemode OS2 fibre optic patch cords are used to connect longer distance networks, between buildings and campuses and in long-distance metropolitan and access telecoms and CATV networks.

All assemblies are fully tested prior to delivery and supplied with test result.

OS2 singlemode patch cords are supplied using 3mm (for additional ruggedising) cable with a yellow LSZH cable jacket as standard.



PART NO.	DESCRIPTION	PRICE
T70-2317	1M LC-ST OS1 SINGLEMODE	4.70
T70-2318	2M LC-ST OS1 SINGLEMODE	4.89
T70-2319	3M LC-ST OS1 SINGLEMODE	5.08
T70-2320	5M LC-ST OS1 SINGLEMODE	5.45
T70-2321	10M LC-ST OS1 SINGLEMODE	6.39

SC-SC SINGLEMODE PATCH CORDS

9/125µm Singlemode OS2 fibre optic patch cords are used to connect longer distance networks, between buildings and campuses and in long-distance metropolitan and access telecoms and CATV networks.

All assemblies are fully tested prior to delivery and supplied with test result.

OS2 singlemode patch cords are supplied using 3mm (for additional ruggedising) cable with a yellow LSZH cable jacket as standard.



PART NO.	DESCRIPTION	PRICE
T70-2297	1M SC-SC OS2 SINGLEMODE	4.31
T70-2298	2M SC-SC OS2 SINGLEMODE	4.48
T70-2299	3M SC-SC OS2 SINGLEMODE	4.66
T70-2300	5M SC-SC OS2 SINGLEMODE	5.00
T70-2301	10M SC-SC OS2 SINGLEMODE	5.85

LC-SC SINGLEMODE PATCH CORDS

9/125µm Singlemode OS2 fibre optic patch cords are used to connect longer distance networks, between buildings and campuses and in long-distance metropolitan and access telecoms and CATV networks.

All assemblies are fully tested prior to delivery and supplied with test result.

OS2 singlemode patch cords are supplied using 3mm (for additional ruggedising) cable with a yellow LSZH cable jacket as standard.



PART NO.	DESCRIPTION	PRICE
T70-2307	1M LC-SC OS2 SINGLEMODE	4.70
T70-2308	2M LC-SC OS2 SINGLEMODE	4.89
T70-2309	3M LC-SC OS2 SINGLEMODE	5.08
T70-2310	5M LC-SC OS2 SINGLEMODE	5.45
T70-2311	10M LC-SC OS2 SINGLEMODE	6.39

FC-FC SINGLEMODE PATCH CORDS

9/125µm Singlemode OS2 fibre optic patch cords are used to connect longer distance networks, between buildings and campuses and in long-distance metropolitan and access telecoms and CATV networks.

All assemblies are fully tested prior to delivery and supplied with test result.

OS2 singlemode patch cords are supplied using 3mm (for additional ruggedising) cable with a yellow LSZH cable jacket as standard.



PART NO.	DESCRIPTION	PRICE
T70-2292	1M FC-FC OS2 SINGLEMODE	4.31
T70-2293	2M FC-FC OS2 SINGLEMODE	4.48
T70-2294	3M FC-FC OS2 SINGLEMODE	4.66
T70-2295	5M FC-FC OS2 SINGLEMODE	5.00
T70-2296	10M FC-FC OS2 SINGLEMODE	5.85

FC-LC SINGLEMODE PATCH CORDS

9/125µm Singlemode OS2 fibre optic patch cords are used to connect longer distance networks, between buildings and campuses and in long-distance metropolitan and access telecoms and CATV networks.

All assemblies are fully tested prior to delivery and supplied with test result.

OS2 singlemode patch cords are supplied using 3mm (for additional ruggedising) cable with a yellow LSZH cable jacket as standard.



PART NO.	DESCRIPTION	PRICE
T70-0117	1M FC-LC OS2 SINGLEMODE	4.70
T70-0118	2M FC-LC OS2 SINGLEMODE	4.89
T70-0119	3M FC-LC OS2 SINGLEMODE	5.08
T70-0120	5M FC-LC OS2 SINGLEMODE	5.45
T70-0121	10M FC-LC OS2 SINGLEMODE	6.39

FC-SC SINGLEMODE PATCH CORDS

9/125µm Singlemode OS2 fibre optic patch cords are used to connect longer distance networks, between buildings and campuses and in long-distance metropolitan and access telecoms and CATV networks.

All assemblies are fully tested prior to delivery and supplied with test result.

OS2 singlemode patch cords are supplied using 3mm (for additional ruggedising) cable with a yellow LSZH cable jacket as standard.



PART NO.	DESCRIPTION	PRICE
T70-0122	1M FC-SC OS2 SINGLEMODE	4.31
T70-0123	2M FC-SC OS2 SINGLEMODE	4.48
T70-0124	3M FC-SC OS2 SINGLEMODE	4.66
T70-0125	5M FC-SC OS2 SINGLEMODE	5.00
T70-0126	10M FC-SC OS2 SINGLEMODE	6.29

ST-SC SINGLEMODE PATCH CORDS

9/125µm Singlemode OS2 fibre optic patch cords are used to connect longer distance networks, between buildings and campuses and in long-distance metropolitan and access telecoms and CATV networks.

All assemblies are fully tested prior to delivery and supplied with test result.

OS2 singlemode patch cords are supplied using 3mm (for additional ruggedising) cable with a yellow LSZH cable jacket as standard.



PART NO.	DESCRIPTION	PRICE
T70-0127	1M ST-SC OS2 SINGLEMODE	4.31
T70-0128	2M ST-SC OS2 SINGLEMODE	4.48
T70-0129	3M ST-SC OS2 SINGLEMODE	4.79
T70-0130	5M ST-SC OS2 SINGLEMODE	5.00
T70-0131	10M ST-SC OS2 SINGLEMODE	5.85

SC/APC-LC SINGLEMODE DUPLEX PATCH CORDS

Available Simplex and Pigtail Single and Multimodes.
9/125 Singlemode Duplex OS2



OS2 singlemode fibre optic patch cords are used to connect longer distance networks between buildings, campuses, metropolitan telecoms, access telecoms and CATV networks. All assemblies are fully tested prior to delivery and supplied with test result. OS2 singlemode patch cords are supplied using 3mm (for additional ruggedising) cable with a yellow LSZH cable jacket as standard.



PART NO.	DESCRIPTION	PRICE
T70-0410	1M SC/APC-LC DUPLEX OS2 9/125	5.22
T70-0411	2M SC/APC-LC DUPLEX OS2 9/125	5.43
T70-0412	3M SC/APC-LC DUPLEX OS2 9/125	5.63
T70-0413	5M SC/APC-LC DUPLEX OS2 9/125	6.03
T70-0414	10M SC/APC-LC DUPLEX OS2 9/125	7.05

SC/APC-SC SINGLEMODE DUPLEX PATCH CORDS

Available Simplex, Duplex and Pigtail, Singlemode and Multimode.
9/125 Singlemode Duplex OS2



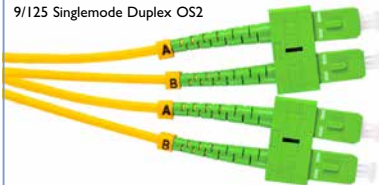
OS2 singlemode fibre optic patch cords are used to connect longer distance networks between buildings, campuses, metropolitan telecoms, access telecoms and CATV networks. All assemblies are fully tested prior to delivery and supplied with test result. OS2 singlemode patch cords are supplied using 3mm (for additional ruggedising) cable with a yellow LSZH cable jacket as standard.



PART NO.	DESCRIPTION	PRICE
T70-0390	1M SC/APC-SC DUPLEX OS2 9/125	5.22
T70-0393	2M SC/APC-SC DUPLEX OS2 9/125	5.43
T70-0394	3M SC/APC-SC DUPLEX OS2 9/125	5.63
T70-0408	5M SC/APC-SC DUPLEX OS2 9/125	6.03
T70-0409	10M SC/APC-SC DUPLEX OS2 9/125	7.03

SC/APC-SC/APC SINGLEMODE DUPLEX PATCH CORDS

9/125 Singlemode Duplex OS2



OS2 singlemode fibre optic patch cords are used to connect longer distance networks between buildings, campuses, metropolitan telecoms, access telecoms and CATV networks. All assemblies are fully tested prior to delivery and supplied with test result. OS2 singlemode patch cords are supplied using 3mm (for additional ruggedising) cable with a yellow LSZH cable jacket as standard.



PART NO.	DESCRIPTION	PRICE
T70-0382	1M SC/APC-SC/APC DUPLEX OS2 9/125	5.37
T70-0384	2M SC/APC-SC/APC DUPLEX OS2 9/125	5.57
T70-0386	3M SC/APC-SC/APC DUPLEX OS2 9/125	5.80
T70-0387	5M SC/APC-SC/APC DUPLEX OS2 9/125	6.20
T70-0388	10M SC/APC-SC/APC DUPLEX OS2 9/125	7.24

24 WAY FIBRE MANAGEMENT CASSETTE

This 24-Way Fibre Management Cassette provides cost-effective fibre management and protection for up to 24 fibres. Ideal for both primary and secondary-coated fibre. Holds up to 24 splice protectors and includes a splice holder, tray and lid.



PART NO.	DESCRIPTION	PRICE
T70-0290	24 WAY FIBRE MANAGEMENT CASSETTE	1.83

FIBRE OPTIC MANAGEMENT KIT

A low cost 25 piece fibre management kit, consisting of a variety of clips, splice bridges, cable ties, glands starts and adhesive pads. Suitable for all unpopulated panels and enclosures.



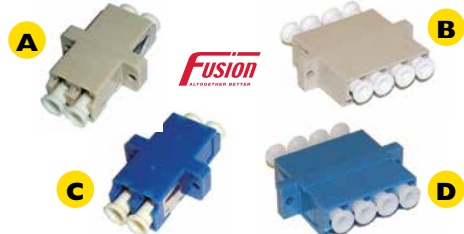
PART NO.	DESCRIPTION	PRICE
T70-2561	FIBRE OPTIC MANAGEMENT KIT	6.03



Fibre Optic Adaptors

FUSION LC ADAPTORS

Available in Duplex and Quad Singlemode and Multimode.



MULTIMODE

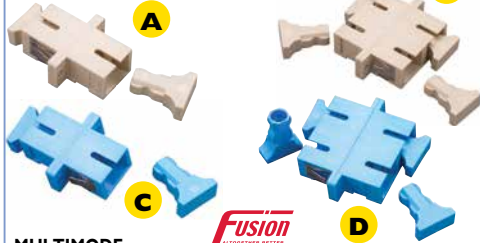
PART NO.	DESCRIPTION	PRICE
T70-0155	A) LC MULTIMODE DUPLEX	1.60
T70-0156	B) LC MULTIMODE QUAD	3.59

SINGLEMODE

PART NO.	DESCRIPTION	PRICE
T70-0157	C) LC SINGLEMODE DUPLEX	2.50
T70-0158	D) LC SINGLEMODE QUAD	7.30

FUSION SC ADAPTORS

Available Simplex and Duplex and Single and Multimode.



MULTIMODE

PART NO.	DESCRIPTION	PRICE
T70-0159	(A) SC MULTIMODE SIMPLEX	0.40
T70-0160	(B) SC MULTIMODE DUPLEX	0.70

SINGLEMODE

PART NO.	DESCRIPTION	PRICE
T70-0161	(C) SC SINGLEMODE SIMPLEX	0.75
T70-0162	(D) SC SINGLEMODE DUPLEX	1.46

FUSION HYBRID ADAPTORS



MULTIMODE

PART NO.	DESCRIPTION	PRICE
T70-0164	(A) SC-ST MULTIMODE DUPLEX - BEIGE	1.30

SINGLEMODE

PART NO.	DESCRIPTION	PRICE
T70-0165	(B) SC-ST SINGLEMODE DUPLEX - BLUE	1.64

FUSION FC ADAPTORS

Available Simplex, Single and Multimode.



MULTIMODE

PART NO.	DESCRIPTION	PRICE
T70-0166	(A) FC MULTIMODE SIMPLEX	0.75

SINGLEMODE

PART NO.	DESCRIPTION	PRICE
T70-0167	(B) FC SINGLEMODE SIMPLEX	1.10

FUSION ST ADAPTORS

Available Simplex, Single and Multimode.



MULTIMODE

PART NO.	DESCRIPTION	PRICE
T70-2580	(A) ST MULTIMODE SIMPLEX BLACK	0.42

SINGLEMODE

PART NO.	DESCRIPTION	PRICE
T70-0163	(B) ST SINGLEMODE SIMPLEX YELLOW	1.05

FUSION FIBRE OPTIC CONSUMABLES



PART NO.	DESCRIPTION	PRICE
T70-2593	(A) ST BLANKS PKT 10	0.98
T70-2594	(B) SC SIMPLEX BLANKS PKT 10	0.86
T70-2595	(C) SC DUPLEX BLANKS PKT 10	1.33
T70-2598	(D) 20MM CABLING GLAND 4-13MM	0.75
T70-2599	(E) CABLE MANAGEMENT CLIPS PKT 10	2.19
T70-2600	(F) SPLICING BRIDGE	1.00
T70-2601	(G) 60MM SPLICE PROTECTORS (PK100)	19.64
T70-4699	(G) 45MM SPLICE PROTECTORS (PK100)	17.32
T70-2602	(H) 20MM GROMMET	0.15



FUSION SLIDING PATCH PANEL - ST, FC

24 Port sliding tray optical fibre patch system in its basic form is supplied with the panels unloaded ready for you to install the adaptor of your choice. The panel can also be pre-loaded with the required adaptors (4, 8, 12 & 24).



Specification:

Width: 482mm
 Depth: 205mm
 Height: 1u – 44mm
 Weight 2.4kg fully loaded
 Cable entry 2 x 20mm gland holes 2 x 25mm gland holes
 Colour: Black RAL 9004 as standard

ADAPTORS	ST M/MODE	PRICE	ST S/MODE	PRICE	FC M/MODE	PRICE	FC S/MODE	PRICE
0	T70-0183	24.53	T70-0183	24.53	T70-0183	24.53	T70-0183	24.53
4	T70-0184	30.83	T70-0189	30.90	T70-0194	27.25	T70-0199	25.47
8	T70-0185	28.65	T70-0190	33.68	T70-0195	32.75	T70-0200	29.69
12	T70-0186	29.30	T70-0191	35.57	T70-0196	35.14	T70-0201	31.12
24	T70-0187	37.78	T70-0192	44.56	T70-0197	41.55	T70-0202	38.13

FUSION SLIDING PATCH PANEL - SC, LC

24 Port sliding tray optical fibre patch system in its basic form is supplied with the panels unloaded ready for you to install the adaptor of your choice.

The panel can also be pre-loaded with SC simplex or LC duplex adaptors (4, 8, 12 & 24).



Specification:

Width: 482mm
 Depth: 205mm
 Height: 1u – 44mm
 Weight 2.4kg fully loaded
 Cable entry 2 x 20mm gland holes 2 x 25mm gland holes
 Colour: Black RAL 9004 as standard

ADAPTORS	SC M/MODE	PRICE	SC S/MODE	PRICE	LC M/MODE	PRICE	LC S/MODE	PRICE
0	T70-0203	24.50	T70-0203	24.50	T70-0203	24.50	T70-0203	24.50
4	T70-0204	24.90	T70-0209	25.09	T70-0214	31.50	T70-0219	32.19
8	T70-0205	27.71	T70-0210	27.71	T70-0215	35.38	T70-0220	36.32
12	T70-0206	30.32	T70-0211	30.51	T70-0216	45.60	T70-0221	49.22
24	T70-0207	37.06	T70-0212	37.26	T70-0217	68.31	T70-0222	72.82

FUSION SLIDING PATCH PANEL - SC DUPLEX

24 Port sliding tray optical fibre patch system in its basic form is supplied with the panels unloaded ready for you to install the adaptor of your choice. The panel can also be pre-loaded with SC duplex adaptors (4, 8, 12 & 24).

LC Quad combinations are also available for this panel – please call our sales office.



Specification:

Width: 482mm
 Depth: 205mm
 Height: 1u – 44mm
 Weight 2.4kg fully loaded
 Cable entry 2 x 20mm gland holes 2 x 25mm gland holes
 Colour: Black RAL 9004 as standard

ADAPTORS	SC DUP. M/MODE	PRICE	SC DUP. S/MODE	PRICE
0	T70-0223	24.53	T70-0223	24.53
4	T70-0224	27.74	T70-0229	28.65
8	T70-0225	29.36	T70-0230	33.52
12	T70-0226	30.20	T70-0231	39.64
24	T70-0227	39.32	T70-0232	53.54

FUSION SC AND LC DUPLEX TAMPERPROOF WALL BOXES SIMPLEX 2 AND 4 ADAPTORS

Can also be used for MTRJ and E2000 connectors.

Dimensions:

Width: 100mm

Depth: 40mm

Height: 160mm

Weight: 0.6kg, fully loaded.

1 x 20mm Gland hole

Colour: White.



PART NO.	DESCRIPTION	PRICE
T70-0253	BOX 2/4 UNPOPULATED	16.74
T70-0254	2 ADAPTOR SC SIMPLEX M/MODE	15.51
T70-0255	4 ADAPTOR SC SIMPLEX M/MODE	16.64
T70-0256	2 ADAPTOR SC SIMPLEX S/MODE	17.52
T70-0257	4 ADAPTOR SC SIMPLEX S/MODE	19.90
T70-0258	2 ADAPTOR LC DUPLEX M/MODE	18.83
T70-0259	4 ADAPTOR LC DUPLEX M/MODE	22.53
T70-0260	2 ADAPTOR LC DUPLEX S/MODE	23.34
T70-0261	4 ADAPTOR LC DUPLEX S/MODE	31.54

FUSION SC DUPLEX AND LC QUAD TAMPERPROOF WALL BOXES AVAILABLE FOR 4 OR 8 ADAPTORS

Dimensions:

Width: 172mm

Depth: 40mm

Height: 160mm

Weight: 0.9kg, fully loaded.

1 x 20mm Gland hole

Colour: White.



PART NO.	DESCRIPTION	PRICE
T70-0280	BOX 4/8 UNPOPULATED	19.00
T70-0281	4 ADAPTOR SC DUPLEX M/MODE	21.10
T70-0282	8 ADAPTOR SC DUPLEX M/MODE	23.43
T70-0283	4 ADAPTOR SC DUPLEX S/MODE	24.13
T70-0284	8 ADAPTOR SC DUPLEX S/MODE	27.56
T70-0285	4 ADAPTOR LC QUAD M/MODE	42.27
T70-0286	8 ADAPTOR LC QUAD M/MODE	65.78
T70-0287	4 ADAPTOR LC QUAD S/MODE	42.27
T70-0288	8 ADAPTOR LC QUAD S/MODE	65.78

FUSION SINGLE DOOR LOCKABLE WALL BOX - SC, LC

Wall box system in its basic form is supplied with the box unloaded ready for you to install the adaptor (24, 36, 48) of your choice.

The box can also be pre-loaded complete with the required adaptors.

The double door feature allows independent secure access to both the incoming fibre cable and patching areas of the wallbox.

Specification:

Width: 360mm

Depth: 85mm

Height: 360mm

Cable entry: 2 x 20mm gland holes, top and bottom (4 in total)

Colour: Grey



ADAPTORS	M/MODE	PRICE	SC S/MODE	PRICE	LC M/MODE	PRICE	LC S/MODE	PRICE
0	T70-0326	65.53	T70-0326	65.53	T70-0326	65.53	T70-0326	65.53
4	T70-0327	66.49	T70-0330	68.71	T70-0333	73.37	T70-0336	80.36
8	T70-0328	66.98	T70-0331	73.47	T70-0334	81.01	T70-0337	86.45
12	T70-0329	68.47	T70-0332	78.21	T70-0335	88.36	T70-0338	99.12



External Overhead



Aerial Clamps

Cappings

CBT Brackets

Enclosures

Fibre Cable

Pole Labelling

Pole Furniture

Polemate

Ropes, Straps and Sash Lines

Specialist Overhead Tooling

Stay Wires



ANCHOR SCREW STAY NO 1

Used as a ground anchorage when staying poles.
Installed by a pole erection unit. Supercedes Rod Stay 2.



PART NO.	DESCRIPTION	PRICE
S83-2718	ANCHOR SCREW STAY NO 1	107.14

ANCHOR STAY NO.2

Anchor system for securing a variety of communication equipment including telecom poles, mobile satellites, antennas and masts.
Its simplicity and speed of installation make it perfect in a temporary or permanent capacity.



PART NO.	DESCRIPTION	PRICE
S83-1896	ANCHOR STAY NO.2	70.84

STRESSING JACK AND INSTALLATIONS TOOLS FOR ANCHORS STAY NO 2**A) Anchor Stay No.2 Stressing Jack**

Manual loadlock stressing jack used in the installation of Anchor Stay No.2.

The SJ1 stressing jack is used to position, tension and stress the anchor stay, once installed using the Installation Drive Rod Set.

**B) Anchor Stay No.2 Installation Drive Rod Set**

Rod set for the installation of Anchor Stay No.2.

Comprising:

- Drive End - Fits into the Anchor head
- Extension rod
- Coupler
- 32 x 160 shank - To fit into a heavy breaker

Maximum installed depth: 2000mm.
Shank Size: 32 x 160mm Hexagonal.

**C) Anchor Drive Rod Removers**

Rod Removers are used to assist with the removal of the S83-1897 Drive Rods after installation of an anchor. The unique shape of the set allows for easy removal in difficult ground conditions where removal by hand may be impossible. These tools can be used by 1 person or 2 people depending on the force required and are a lightweight removal solution.

Supplied in pairs.



PART NO.	DESCRIPTION	PRICE
S83-1899	A) ANCHOR STAY NO.2 STRESSING JACK SJ1	433.59
S83-1897	B) ANCHOR STAY NO.2 INSTALLATION DRIVE ROD SET	863.85
S83-3814	C) ANCHOR DRIVE ROD REMOVERS	98.14

A) FLEXIBLE STAY WIRE 6.3MM X 100M

Flexible stay wire made of hot dip galvanized steel engineered with 7 strands with a diameter of 2.1mm each.

B) TENSIONER WIRE STAY

A lever operated tensioning tool used for tensioning stay wires.

C) VERTICAL STAY BRACKET

The Vertical Stay Bracket allows poles to be stayed with a much reduced B:H ratio which in many cases will enable jobs to be

completed without the need to employ either stout Poles, or non standard solutions.

Site circumstances sometimes prevent the anchor being installed at the min 1:2 position, but using a vertical stay bracket, an anchor can be provided as little as 600mm from the pole.

D) STAY GUARD WITHOUT PIGTAIL 1.82M

Designed to identify stay wires and cable installations where anchoring devices are exposed to pedestrian and/or vehicular traffic.

Length 1.82m.



PART NO.	DESCRIPTION	PRICE
R02-1735	A) FLEXIBLE STAY WIRE 6.3MM X 100M	101.13
S83-0805	B) TENSIONER WIRE STAY	66.66
S83-1860	C) VERTICAL STAY BRACKET	30.90
S83-1875	D) STAY GUARD WITHOUT PIGTAIL 1.82M	18.49

MILLS POLE HORSE

An essential aid for all pole installers, allowing poles of all dimensions to be supported while pole furniture is added or removed prior to or post installation. The Mills pole support benefits from flat feet plates and safety support chains. The horse pole can quickly be folded flat for ease of storage.

Ref: I26681.



PART NO.	DESCRIPTION	PRICE
S83-2653	HORSE POLE	83.86

TWISTER POLE

Plate type pole twister, used to align poles after installation. Comprising a curved plate 300mm x 175mm with 2 barbs which presses into the wood, this plate is attached via a 6mm wire rope to a levering eye which is wrapped around the pole. A crow bar (Mills S83-3679 or S00-1226 not supplied) is then passed through the levering eye to allow the pole to be twisted into the desired position.

Ref: I27112.



PART NO.	DESCRIPTION	PRICE
S83-0768	TWISTER POLE	24.16

A) MILLS POLE TESTING AUGER BIT

A specialist auger bit used in conjunction with S83-0765 Brace Coach Screw for testing for the presence of internal decay in poles. The tool diameter is 4.75mm (3/16") with an overall length of 178mm (7"). Ref: I12089.

B) MILLS PROBE POLE TESTER

A specialist tool to detect external decay on wooden poles. The tool has a 150mm hardened blade with a ring milled 30mm (1 1/4") from the end of the spike, to easily and quickly indicate signs of rotting or decomposition of the pole. Overall length 250mm. Ref: I22540.



PART NO.	DESCRIPTION	PRICE
S83-0572	A) MILLS POLE TESTING AUGER BIT	12.88
S13-0806	B) MILLS PROBE POLE TESTER	10.55

TWISTER POLE LEVER TYPE

Hand-operated lever-type pole twister for the alignment of poles after installation.

This lever-type pole twister has a forged handle with teeth at the front edge giving better grip to the pole.

The 130cm length with large forged hook allows the operator to use both hands giving extra leverage to twist stubborn poles. Overall length 130cm.



PART NO.	DESCRIPTION	PRICE
S83-2991	TWISTER POLE LEVER TYPE	66.90

MILLS PROP RAISING TELESCOPIC 6.2M

The Prop Raising Telescopic is an insulated telescopic rod which can extend to 6.2 metres and is used as a temporary support for aerial drop cables that require maintenance and have drooped below 5.2 metres.

The prop is manufactured from non conductive GRP and can collapse to a closed storage length of 1.8 metres.

The prop features a fabricated wire cage which assists in gathering the cable prior to lifting and repositioning.



PART NO.	DESCRIPTION	PRICE
S83-3546	MILLS PROP RAISING TELESCOPIC 6.2M	425.00

MILLS POLE BOGIE

Pole Bogie for transporting wooden poles over rough terrain. Manufactured from high quality steel, with 400mm pneumatic wheels. The pole bogie has two 50mm fully adjustable webbing straps capable of handling poles with diameters of up to 200mm. The bogie can be supplied with a tow bar for quad bike or vehicle towing.

The pole bogie can be used in relatively confined spaces having an axle width of 720mm.

Ref: I22505.



PART NO.	DESCRIPTION	PRICE
S83-1813	MILLS POLE BOGIE	393.26

POLE SOCK

Safety sock used when transporting poles. Manufactured from heavy duty reinforced PVC canvas material with alternating red and white 85mm wide warning stripes. The bag is 110cm long x 60cm wide and will accept poles up to a diameter of 35cm. The sock has a webbed seamed top with 5mm draw strip and button toggle to secure it around the pole during transportation.



PART NO.	DESCRIPTION	PRICE
S83-0885	POLE SOCK	45.71

LADDER TIE

Used to leash Ladders Extension 5B and 7A when working on poles. An 8m x 6mm leash supplied with end stiffeners to allow pole ladders to be secured using the fourth rung to a pole, when the ladder is angled at a four up, one out ratio. The leash is supplied in a plastic wallet with full operating instructions.

Ref: 127688.



PART NO.	DESCRIPTION	PRICE
S83-0789	LADDER TIE	4.07

BT 5B ALUMINIUM AND 7B GRP 2.5M TRIPLE EXTENSION LADDER**Features**

- Comfortable 1.6m wall D.rung profile
- Available in aluminium weighing 18.5kg or non-conductive GRP (fibreglass) weighing 23.0kg
- Double safety catch
- Fitted with nylon rollers for easy operation with minimum effort
- Supplied with lashing rope & ferrule fittings
- Certified to BS 2037 Class 1
- Closed height 2.5m - opened height 6m

S00-1481 Ref: 126403.
S00-9028 Ref: 128706.



PART NO.	DESCRIPTION	PRICE
S00-1481	A) BT 5B ALUMINIUM LADDER	331.35
S00-9028	B) BT 7B GRP LADDER	398.30

HYDRAULIC UTILITY POLE JACK

Hydraulic Pole Jack provides safe, secure, reliable method for extracting utility poles, offering 10T vertical lift to aid the extraction of old or out of specification poles.

Specifications:

- Closed Height: 0.80m
- Extended Height: 1.25m
- Chain Length: 1.5m
- Shipping Dimensions: 1 x 0.5 x 0.3m
- Shipping Weight: 53kg
- Maximum Working Pressure: 200BAR



PART NO.	DESCRIPTION	PRICE
S83-2081	HYDRAULIC UTILITY POLE JACK	2,343.25

PRE-CLIMB CHECK LABEL FOR POLES

White tear-proof label affixed to the pole, using Pin Steel No 2 (S83-0857) to mark pre-climb inspection check.

Size 125 x 25mm – supplied in packets of 50.



PART NO.	DESCRIPTION	PRICE
S83-1755	PRE-CLIMB POLE INSPECTION CHECK LABEL - PK 50	15.91

**FOR HEIGHT
SAFETY
EQUIPMENT**

SEE PAGE 244



A) POLE JACK

A hand operated jack with a rack & panel mechanism. Closed height 3ft operating range 22". To be used for shifting, recovering and straightening poles. Capacity: 5000kg. Note: carriage applies.



B) BAR OPERATING (LARGE)

For use with Pole Jack. Ref: 110402.



PART NO.	DESCRIPTION	PRICE
S83-2677	A) POLE JACK	1842.14
S83-2990	B) OPERATING BAR	64.00

CHAIN JACK POLE

High tensile link chain for use with Jack Pole.

Ref: 112555.



PART NO.	DESCRIPTION	PRICE
S83-0736	CHAIN JACK POLE	136.00

ROD TELESCOPIC

This 7 metre non conductive telescopic fibre glass rod is an essential product to enable installers and other personnel involved in overhead work to gauge the clearance height of dropwire at road crossings.

BT regulations state the minimum installation height of a dropwire must be at least 5.5 metres and further, that poles must not be accessed by ladder should a connecting dropwire be found to be below a height of 5.2 metres.

Ref: 008874.



PART NO.	DESCRIPTION	PRICE
S83-0723	ROD TELESCOPIC	44.63

CHAIN PULLER 3 TON

Used to raise and lower loads. It has a safety brake which enables the operator to sustain the load in all positions. Used for tensioning cables.

SWL: 3048kg.
Max Lift: 1.9m.



PART NO.	DESCRIPTION	PRICE
S83-0932	CHAIN PULLER 3 TON	136.00

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SPECIAL PRICES
OR VISIT
millsltd.com

SUPARULE CABLE HEIGHT METER

The Suparule is a handheld Cable Height Meter instrument for measuring cable height distance, sag and overhead clearance. It is the present day alternative to measuring poles. The Suparule uses ultrasonic signals to identify the height of overhead cables up to 50 feet / 15 metres. Ideal for operators in the utilities industry such as telecommunications and electricity.

The Suparule works by emitting short bursts of sound, allowing the microprocessor to calculate the elapsed time for these sounds to be reflected from the cable back to the instrument. Results can then be displayed in either metric or imperial units.

Range:

- 25mm Cable 3-15m
- 12mm Cable 3-15m
- 5.5mm Cable 3-12m
- 2.5mm Cable 3-10m

Features:

- 0.5kg Weight
- Compact Size
- Auto Power Off
- 50,000 Measurement Battery Life
- 0.5% ± 2 Digits Accuracy
- Single Wire Measurement



PART NO.	DESCRIPTION	PRICE
S83-2993	SUPARULE HEIGHT METER CHM190	478.29

DP POLE LETTERS AND NUMBERS

A selection of popular letters and numbers for pole identification. Black lettering or numbering on a 40mm plastic disc with two pre-drilled holes. The discs can be affixed to the pole using Pin Steel No 2 (S83-0857).

Packs of 100.



PART NO.	REF	DESCRIPTION	PRICE
S83-2810	000463	LETTER POLE PLASTIC A (PKT 100)	41.15
S83-2811	000464	LETTER POLE PLASTIC B (PKT 100)	41.15
S83-2812	000465	LETTER POLE PLASTIC C (PKT 100)	41.15
S83-2813	000466	LETTER POLE PLASTIC D (PKT 100)	41.15
S83-2814	000467	LETTER POLE PLASTIC E (PKT 100)	41.15
S83-2815	000468	LETTER POLE PLASTIC J (PKT 100)	41.15
S83-2816	000469	LETTER POLE PLASTIC L (PKT 100)	41.15
S83-2817	000470	LETTER POLE PLASTIC M (PKT 100)	41.15
S83-1810	025777	LETTER POLE PLASTIC N (PKT 100)	41.15
S83-1809	000479	LETTER POLE PLASTIC P (PKT 100)	41.15
S83-2818	000460	LETTER POLE PLASTIC S (PKT 100)	41.15
S83-2819	000462	LETTER POLE PLASTIC T (PKT 100)	41.15
S83-1811	025778	LETTER POLE PLASTIC W (PKT 100)	41.15
S83-2999	000470	NUMBER POLE PLASTIC 0 (PKT 100)	41.15
S83-2824	000471	NUMBER POLE PLASTIC 1 (PKT 100)	41.15
S83-2825	000472	NUMBER POLE PLASTIC 2 (PKT 100)	41.15
S83-2826	000473	NUMBER POLE PLASTIC 3 (PKT 100)	41.15
S83-2827	000474	NUMBER POLE PLASTIC 4 (PKT 100)	41.15
S83-2828	000475	NUMBER POLE PLASTIC 5 (PKT 100)	41.15
S83-2829	000476	NUMBER POLE PLASTIC 6 (PKT 100)	41.15
S83-2830	000477	NUMBER POLE PLASTIC 7 (PKT 100)	41.15
S83-2831	000478	NUMBER POLE PLASTIC 8 (PKT 100)	41.15
S83-2832	000479	NUMBER POLE PLASTIC 9 (PKT 100)	41.15

**CAUTION
OVERHEAD FIBRE
LABEL PACK OF 10**

FDC Identification label stating CAUTION OVERHEAD FIBRE should be fixed to wooden poles above the Pole Test Label or at eye level.

Attached to the pole using S83-0857 Pins Steel No.2 7/8 inch (not included).

Size: 70 x 70mm.

Ref: 046116



PART NO.	DESCRIPTION	PRICE
S83-0634	CAUTION OVERHEAD FIBRE LABEL PACK OF 10	9.95

**DEFECTIVE POLE
LABEL A1024
LILAC PACK OF 10**

The Mills A1024 label is used to identify and record defective poles. Four holes allow the label to be easily affixed to the pole using Pin Steel No 2. Supplied in packs of 10. Also available in yellow C00-1787.



PART NO.	DESCRIPTION	PRICE
S83-1915	DEFECTIVE POLE LABEL A1024 LILAC PACK OF 10	5.56

TENSIONER 3A

Lorry lashing, short end with ratchet and twisted snap hook connector. Manufactured from 50mm wide polyester orange webbing with a MBL of 5000kg when used as a two part assembly. Used with strap tensioner 1A (S83-0920) and straps tensioning 2A (S83-0862)



PART NO.	DESCRIPTION	PRICE
S83-0921	TENSIONER 3A	48.47

SLING WIRE ROPE 1A

Galvanised steel wire rope lifting sling, with reeving thimbles to each end, 1.5m length x 1500kg SWL, each supplied marked with unique serial number and SWL, complete with Report of Thorough Examination Certificate.

Ref: 112555.



PART NO.	DESCRIPTION	PRICE
S83-0879	SLING WIRE ROPE 1A	27.81

STRAP TEMPORARY HOLD NO. 1

Used with Hook Temporary Hold No.1

Supplied with a ratchet buckle.

1 metre strap (700m working length).

Minimum breaking load: 1000kg.



PART NO.	DESCRIPTION	PRICE
S83-0963	STRAP TEMPORARY HOLD NO.1	6.14

HOOK TEMPORARY HOLD NO. 2

Used as a temporary cable support whilst erecting and tensioning aerial cables, supplied complete with strap.



PART NO.	DESCRIPTION	PRICE
S83-0737	HOOK TEMPORARY HOLD NO.2	47.27

STRAP TENSIONING 1A

45mm webbing strap, 3m long terminated with a 90 degree twist snap hook, used with Tensioner 3A for securing poles on pole erection units.

Ref: 126760.

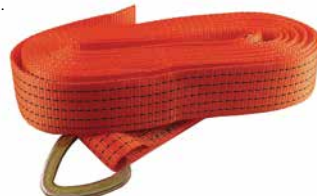


PART NO.	DESCRIPTION	PRICE
S83-0920	STRAP TENSIONING 1A	31.12

STRAP TENSIONING 2A

45mm webbing strap, 3m long terminated with a D buckle. Used with Tensioner 3A for securing poles on pole erection units.

Ref: 126761.



PART NO.	DESCRIPTION	PRICE
S83-0862	STRAP TENSIONING 2A	12.03

DUPLEX WEBB SLING 1M X 1T - SLING 4A

Duplex flat webbing sling, 1 metre length x 1000kg (purple), with soft eye each end. Double thickness 60mm wide polyester webbing, manufactured to conform to BS 3481 Part 2. Each sling is labelled with a unique serial number.

Ref: I26742.



PART NO.	DESCRIPTION	PRICE
S83-0863	DUPLEX WEBB SLING 1M X 1T - SLING 4A	9.15

DUPLEX WEBB SLING 2M X 1T - SLING 5A

Duplex flat webbing sling, 2 metre length x 1000kg (purple), with soft eye each end. Double thickness 60mm wide polyester webbing, manufactured to conform to BS 3481 Part 2. Each sling is labelled with a unique serial number.

Ref: I26743.



PART NO.	DESCRIPTION	PRICE
S83-0864	DUPLEX WEBB SLING 2M X 1T - SLING 5A	10.99

DUPLEX WEBB SLING 3M X 1T - SLING 6A

Duplex flat webbing sling, 3 metre length x 1000kg (purple), with soft eye each end. Double thickness 60mm wide polyester webbing, manufactured to conform to BS 3481 Part 2. Each sling is labelled with a unique serial number.

Ref: I26744.



PART NO.	DESCRIPTION	PRICE
S83-0918	DUPLEX WEBB SLING 3M X 1T - SLING 6A	13.27

ROUND SLING 3M X 1000KG URLT/012123 - SLING 10A

Round sling, 3000kg. Manufactured from polyester and conforming to BS 6668, each sling is individually labelled with a unique serial number, date of manufacture, length and WVLL.

Ref: I26774.



PART NO.	DESCRIPTION	PRICE
S83-0919	ROUND SLING 3M X 1000KG URLT/012123 - SLING 10A	10.57

LINE SASH 2

Line Sash No 2.
Polypropylene rope 4mm used when installing Dropwire. Useful when laid across roads due to its 'dead' property. Supplied on a 132m reel.

BT spec: MA 294.
Construction: 8 plait.
Nominal Diameter: 4mm.
MBL: 1kN.
Material: Polypropylene.

Ref: I27429.



PART NO.	DESCRIPTION	PRICE
S83-0787	LINE SASH 2	32.28

LINE SASH 15

Line Sash No 15.
Polypropylene rope 8mm diameter, supplied on a hank of 50m.

BT spec: MA 294
Construction: 8 plait
Nominal Diameter: 8mm
MBL: 8.5kN
Material: Polypropylene

Ref: I27430.



PART NO.	DESCRIPTION	PRICE
S83-0788	LINE SASH 15	44.25

CABLING ROPES

SEE PAGE 141

**DISPENSER SASH LINE**

Sash line dispenser used with Dispenser Dropwire to aid dispensing of Sash Line.

Ref: I26356.



PART NO.	DESCRIPTION	PRICE
S83-0782	DISPENSER SASH LINE	14.95

STEP POLE NO.1

Pole step for use on wooden poles only.

Ref: 015550.



PART NO.	DESCRIPTION	PRICE
S83-2996	STEP POLE NO.1	2.58

RING POLEHEAD STAND-OFF 1A

A bolt on galvanised steel pole step with a welded 100mm diameter ring.

Used to attach a maximum of five dropwires on Joint user poles when a Stand off 1A dropwire needs to be terminated.

The stand off enables DNO staff to safely climb past BT / Openreach plant.

Ref: 016288.



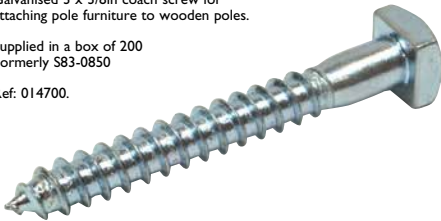
PART NO.	DESCRIPTION	PRICE
S83-2842	RING POLEHEAD STAND-OFF 1A	4.79

SCREW COACH 3" (PK 200)

Galvanised 3 x 3/8in coach screw for attaching pole furniture to wooden poles.

Supplied in a box of 200
Formerly S83-0850

Ref: 014700.



PART NO.	DESCRIPTION	PRICE
S83-0654	SCREW COACH 3" (PK 200)	35.99

RING POLEHEAD DROPWIRE

Galvanised 240mm steel ring with 16mm diameter bolt for distribution of cables from the top poles. For use with Cable Dropwire, acts as a support for Clamps Dropwire.

Ref: 021240.



PART NO.	DESCRIPTION	PRICE
S83-2841	RING POLEHEAD	7.49

BRACE COACH SCREW

Hand held brace, used to attach and remove coach screws from poles.

Ref: 112089.



PART NO.	DESCRIPTION	PRICE
S83-0765	BRACE COACH SCREW	28.71

HALO RING

A replacement larger pole ring to be used mainly on congested poles as an alternative to the standard S83-2841 pole ring.

This larger type 15 crown ring is used for network rearrangements and the addition of new fibre enclosures when there are capacity issues with the upper pole envelope.
Diameter: 501mm.



PART NO.	DESCRIPTION	PRICE
S83-1707	HALO RING	15.40

SOCKET AND ADAPTORS COACH SCREW

An impact grade 5/8 AF Socket with 1/2" drive for tightening and loosening coach screws (S83-0642) when used with a power tool and in conjunction with either the 1/4" (G70-1769) or SDS (G70-1770) adaptors.

A) 5/8 Inch Square Socket for Coach Screws 1/2 Inch Drive
5/8" square socket used to attach and remove coach screws from poles.

B) 1/4 Inch Hex to 1/2 Inch Square Drive Adaptor
Fits 1/2-inch square drive sockets and is suitable for drills with standard 3 jaw chucks.

C) SDS Plus to 1/2 Inch Square Drive Socket Adaptor
Fits 1/2-inch square drive sockets and is suitable for rotary hammers with SDS plus shank systems.



PART NO.	DESCRIPTION	PRICE
G70-1768	A) 5/8 INCH SQUARE SOCKET FOR COACH SCREWS 1/2 INCH DRIVE	11.98
G70-1769	B) 1/4 INCH HEX TO 1/2 INCH SQUARE DRIVE ADAPTOR	10.25
G70-1770	C) SDS PLUS TO 1/2 INCH SQUARE DRIVE SOCKET ADAPTOR	19.23

WASHERS GALVANISED 16,17,18

A) Washer Galvanised 16

Galvanised steel tubular washer 65mm long and 27mm in diameter for use with Bolts Hex Head to secure Universal Pole Brackets or UPBs to poles where the bolt is too long. Box of 50. Ref: 016161.

B) Washer Galvanised 17

Galvanised steel tubular washer for use with Bolts Hex Head to secure UPBs to poles where the bolt is too long. Dimensions: 20mm long and 27mm diameter. Box of 200. Ref: 016162.

C) Washer Galvanised 18

Galvanised steel tubular washer 40mm long and 27mm diameter for use with Bolts Hex Head to secure UPB's to poles where the bolt is too long. Box of 200. Ref: 016163.



PART NO.	DESCRIPTION	PRICE
S83-1766	A) WASHER GALVANISED 16 - BOX OF 50	34.99
S83-2865	B) WASHER GALVANISED 17 - BOX OF 200	59.99
S83-2866	C) WASHER GALVANISED 18 - BOX OF 200	99.99

WASHER GALVANISED 4

50mm diameter x 3mm thick with an 18mm hole and used on Bolt Arm.

Supplied in a box of 100.

Ref: 016152.



PART NO.	DESCRIPTION	PRICE
S83-2868	WASHER GALVANISED 4 (BOX OF 100)	24.99

WASHER GALVANISED 19

Galvanised steel flat washer 20mm in diameter with a 7mm hole in the centre. 1.6mm in thickness

Used with Nail Bonding and Strip Aluminium to secure cables to wooden poles.

Supplied in a 3kg box containing approximately 770 washers.

Ref: 073202.



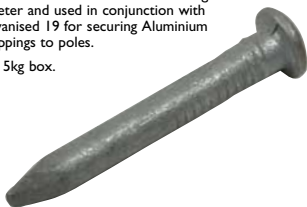
PART NO.	DESCRIPTION	PRICE
S83-3163	WASHER GALVANISED 19 (3KG)	18.99

NAIL BONDING

Galvanised steel round headed nail 45mm long x 5mm diameter and used in conjunction with Washer Galvanised 19 for securing Aluminium Strip and Cappings to poles.

Supplied in a 5kg box.

Ref: 072034.



PART NO.	DESCRIPTION	PRICE
S83-2672	NAIL BONDING	17.58

PLUG CREOSOTED

Plugs Creosoted - A packet of 100 creosoted plugs 10mm x 50mm (3/8" x 2"). These products are used to plug old fixing holes or test holes created following testing using a Mattson borer. To prevent decay to the pole the specification LN435 states "All holes from cores taken for testing must be plugged with creosote treated plugs, which are an interference fit into any holes made."

Ref: 016266.

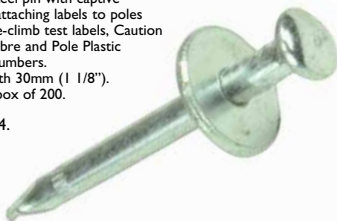


PART NO.	DESCRIPTION	PRICE
S83-0944	PLUG CREOSOTED	30.85

PIN STEEL NO.2 PK200

Hardened steel pin with captive washer for attaching labels to poles including pre-climb test labels, Caution Overhead Fibre and Pole Plastic Letters & Numbers. Overall length 30mm (1 1/8"). Supplied in box of 200.

Ref: 070864.



PART NO.	DESCRIPTION	PRICE
S83-1746	PIN STEEL NO.2.PK200	3.95

STRIPS ALUMINIUM

16mm wide aluminium strips used to secure cables running vertically on poles and available in 3 lengths (80mm, 120mm and 160mm) to accommodate most sizes and multiples of cables. Regulations specify cables must be fixed at a minimum of 450mm intervals and must not impede access to the climbing steps.

Supplied in pack of 25.

S83-0902 Ref: 015708.

S83-0856 Ref: 076077.

S83-0903 Ref: 076078.

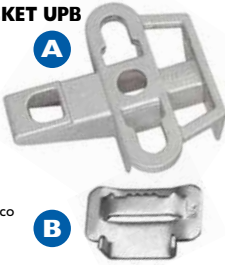


PART NO.	DESCRIPTION	PRICE
S83-0903	80MM STRIP ALUMINIUM (PK25)	3.75
S83-0902	120MM STRIP ALUMINIUM (PK25)	3.95
S83-0856	160MM STRIP ALUMINIUM (PK25)	4.50

A) UNIVERSAL POLE BRACKET UPB

The UPB bracket is manufactured from aluminium alloy with correspondingly high mechanical strength. Its unique patented design has been developed as a universal fitting covering all installation situations on wooden, metal or concrete poles.

Ref: 016988.

**B) MOUNTING BUCKLE**

Stainless steel buckle for securing Telenco banding. Supplied in a pack of 100.

Ref: 013603.

PART NO.	DESCRIPTION	PRICE
S83-1540	A) UNIVERSAL POLE BRACKET UPB	3.67
S83-3246	B) MOUNTING BUCKLE (PK100)	16.30

BANDING STAINLESS STEEL 20MM X 50M

Stainless steel strip banding 20mm x 0.7mm x 50 metres contained in a plastic "Easy carry container".

For attaching S83-1540 Universal Pole Bracket or UPB, S00-7197 External Fibre Locking Mechanism or ELM and S00-1601 Malico L Coiling Bracket to BT Hollow & Joint User wood & steel poles.

Ref: 013610.



PART NO.	DESCRIPTION	PRICE
S83-1542	BANDING STAINLESS STEEL 20MM X 50M	30.55
S83-1543	PROTECTION SLEEVE FOR BANDING SS 20MM X 10M	7.98

TELENCO BANDING TOOL

Stainless steel banding tool for the attachment of the Telenco Universal Pole Bracket (UPB) to wooden and hollow poles. Ideal for use on joint user poles where permission cannot be granted to drill a bolt hole through the pole to attach cable fixings.

Ref: 013608.



PART NO.	DESCRIPTION	PRICE
S83-3242	TELENCO BANDING TOOL	75.38

BOLT HEX HEAD

A galvanised steel hexagonal headed bolt, available in 300mm (S83-1538) and 350mm (S83-1539) lengths supplied fitted with two galvanised steel washers and one nut.

For attaching Universal Pole Bracket or UPB, Hook Aerial Cable 1 and 1A to wooden poles.

S83-1538 Ref: 016977.
S83-1539 Ref: 016978.



PART NO.	DESCRIPTION	PRICE
S83-1538	BOLT HEX HEAD 16MM X 300MM	3.17
S83-1539	BOLT HEX HEAD 16MM X 350MM	3.92

RATCHET POLE BANDING TOOL

Ratchet stainless steel banding tool for the attachment of the Telenco Universal Pole Bracket (UPB) to wooden and hollow poles.

Ideal for use on joint user poles where permission cannot be granted to drill a bolt hole through the pole to attach cable fixings.



PART NO.	DESCRIPTION	PRICE
S83-1699	RATCHET POLE BANDING TOOL	89.13

HOOK AERIAL CABLE

Hook Aerial Cable 1 or J Hook is a "D" section steel bar coated with nylon and formed into a "J" shape. Used to support an Aerial Cable on Joint User Poles.

Ref: 016240.



PART NO.	DESCRIPTION	PRICE
S83-3245	HOOK AERIAL CABLE	3.17

HOOK AERIAL CABLE 1A

Used on wooden poles to support suspension and aerial cable relief clamps.

Ref: 016990.



PART NO.	DESCRIPTION	PRICE
S83-1681	HOOK AERIAL CABLE 1A	2.73

EARTHING & BONDING CLAMP (EC13)

Used to attach an earthing wire to the catenary wire of a figure of 8 Aerial Cable.

The body is made of two pieces of non-corrosive zinc alloy with two formed cutaways.

It can be installed on all insulated and non-insulated wires from 3mm to 13mm.

Ref: 016979.



PART NO.	DESCRIPTION	PRICE
S83-1682	EARTHING & BONDING CLAMP (EC13)	1.82

MALICOIL L FIBRE COILING BRACKET

Manages the coiling and bend radius of aerial optical fibre.

Available in 3 sizes.

- A) Malicoil S- Coiling Diameter: Min 270mm / Max 400mm
 B) Malicoil M- Coiling Diameter: Min 400mm / Max 600mm
 C) Malicoil L- Coiling Diameter: Min 550mm / Max 960mm



PART NO.	DESCRIPTION	PRICE
S00-1601	A) MALICOIL S - COILING DIA: MIN 270MM / MAX 400MM	42.06
S00-1970	B) MALICOIL M - COILING DIA: MIN 400MM / MAX 600MM	40.11
S00-1969	C) MALICOIL L - COILING DIA: MIN 550MM / MAX 960MM	40.67

BARREL CLAMPS

A) Automatic stay wire wedge clamp for operating stay wire installations. For diameters: 6.1 - 6.6mm.

B) For the simple and fast dead-ending of figure-8 cables with steel messengers, comprising a conical body, a pair of wedges, a lanyard and a stainless steel bail.

- S83-1880 Ref: 016980.
 S83-1881 Ref: 016973.
 S83-1882 Ref: 016974.



PART NO.	DESCRIPTION	PRICE
S83-1880	A) BARREL CLAMP TERMINATING STAY WIRE SWC63	10.29
S83-1881	B) BARREL CLAMP SINGLE STRAND BARE WIRE 2.5MM BWC25	6.27
S83-1882	B) BARREL CLAMP MULTI STRAND BARE WIRE 4.7MM BWC47	8.81

BRACKET 22

A dropwire fixing consisting of a galvanised steel triangular bracket with three fixing holes and a welded loop.

Designed to attach a dropwire clamp at end users premises or on a multi pole tower where no pole ring exists.

Suitable for use with 36f ULVWC, BIRLA, CDC, HFCL and Dropwire 10A.

Ref: 011114.



PART NO.	DESCRIPTION	PRICE
S83-2723	BRACKET 22	0.69

WALL PLATE 4

Galvanised steel flat bar 40cm long x 51mm wide x 9.52mm thick with a welded loop at one end and 4 fixing holes. Fitted with a galvanised steel thimble. Use with Bolt Expansion 2a. Uses include attaching Heavyweight Aerial Cable to brick buildings.

The Plate Wall 4 is attached to brick using Bolts Expanding 2A.

Ref: 013751.



PART NO.	DESCRIPTION	PRICE
S83-1756	WALL PLATE 4	5.95

BRACKET 32

A dropwire fixing consisting of a galvanised steel "J" shaped Bracket with a welded loop and a plate with four holes at the other end. Designed to attach a dropwire clamp to timber or brickwork at end users' premises where additional height clearance is required e.g. a Bungalow.

Ref: 016264.



PART NO.	DESCRIPTION	PRICE
S83-2724	BRACKET 32	3.49

WALL PLATE 5A WITH THIMBLE

Galvanised steel wall plate for attachment of lightweight cables and wires.

Dimensions: 150mm x 100mm

Ref: 018388.



PART NO.	DESCRIPTION	PRICE
S83-9215	WALL PLATE 5A WITH THIMBLE 150MM X 100MM	6.13

BRACKET 44

A dropwire fixing consisting of a galvanised steel "L" shaped Bracket with a welded loop at one end and a plate with two holes at the other end.

Designed to attach a dropwire clamp to brickwork at end users premises where further additional height clearances are required.

On brickwork (without rendering or cladding) this Bracket is designed to be secured with 2 x Bolt Expanding 2A.

Maximum span length is 68 metres.

Dimensions: 420 x 210mm (Wall Plate: 150 x 100mm).

Ref: 009561.



PART NO.	DESCRIPTION	PRICE
S83-1060	BRACKET 44	6.75

BRACKET 51

On brickwork (without rendering or cladding) this Bracket is designed to be secured with 2 x Bolt Expanding 2A

The Bracket 51 is attached to the wall by the same drilling method as the Bracket 44 but, as it stands out further from the wall is considerably taller.

Dimensions: 600 x 350mm (Wall Plate: 150 x 100mm).

Maximum span length is 68 metres.

Ref: 060795.



PART NO.	DESCRIPTION	PRICE
S83-1064	BRACKET 51	10.45

A) CLAMP AERIAL CABLE 2

Used to support Cable Aerial Self Supporting Combined 10/0.5, 20/0.5, 5/0.6 and 10/0.6 at through pole positions on hollow poles. Ref: 073194.

**B) CLAMP AERIAL CABLE 4**

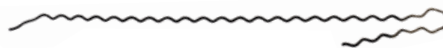
Used to support Cable Aerial Self Supporting Combined 50/0.5, 10/0.63, 28/0.63 and 14/0.9 at through pole positions on hollow poles. Ref: 073194.



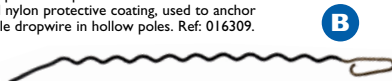
PART NO.	DESCRIPTION	PRICE
S83-2744	CLAMP AERIAL CABLE 2	12.17
S83-2745	CLAMP AERIAL CABLE 4	27.84

A) CLAMP DROPWIRE 10A

Clamp used when installing Cable Dropwire Ref: 073194.

**B) CLAMP DROPWIRE 6**

Dropwire clamp with extended relieved end and nylon protective coating, used to anchor cable dropwire in hollow poles. Ref: 016309.

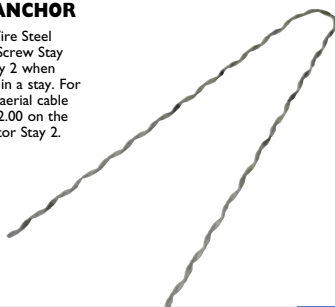


PART NO.	DESCRIPTION	PRICE
S83-2746	A) CLAMP DROPWIRE 10A	1.03
S83-2747	B) CLAMP DROPWIRE 6	2.06

GRIP STAY ANCHOR

For terminating Wire Steel 7/2.00 to Anchor Screw Stay or to Insulator Stay 2 when these are inserted in a stay. For terminating lashed aerial cable using wire steel 7/2.00 on the span side of Insulator Stay 2.

Ref: 016229.



PART NO.	DESCRIPTION	PRICE
S83-2783	GRIP STAY ANCHOR	6.53

A) GRIP INSULATOR POLE

Multi stranded "U" shaped clamp formed by laying 6 galvanised high tensile steel wires, each 2.00mm diameter in a spiral wrap formation, with an internal coating of aluminium oxide. Supplied with 2 "O" clips 9-11mm diameter and used for attaching an Insulator Stay 2 to the suspension wire of the cable. Approximate length 430mm. Ref: 016234.

**B) GRIP STAY POLE**

For terminating Wire Steel 7/2.00 at the pole heads end. For terminating lashed Aerial Cable where wire steel 7/2.00 is used. Ref: 016228.



PART NO.	DESCRIPTION	PRICE
S83-2782	A) GRIP INSULATOR POLE	7.56
S83-2784	B) GRIP STAY POLE	5.26

GRIP WIRE SUSPENSION**A) Grip Wire Suspension No.1**

Used to terminate Cable PET or PETAL Aerial incorporating single strand suspension wire, except at power crossing. Ref: 016444.

B) Grip Wire Suspension No.2

For terminating all sizes of Cable PET and Aerial Cable except those that incorporate Single Strand Suspension Wire. Ref: 016227.

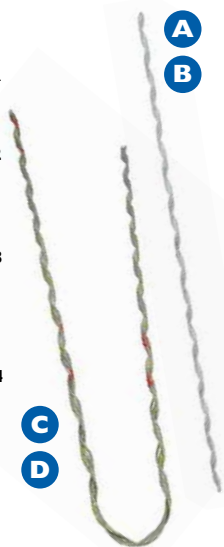
C) Grip Wire Suspension No.3

For terminating Cable PET and Aerial Cable that incorporate single strand suspension wire on the span side of Insulator Stay 2 at power crossing. Ref: 016231.

D) Grip Wire Suspension No.4

For terminating all sizes of Cable PET and Aerial Cable except those with Single Suspension Wire, on the span side of Insulator Stay 2 at power crossings. Ref: 016232.

All are supplied in packs of 10.



PART NO.	DESCRIPTION	PRICE
S83-2785	A) GRIP WIRE SUSPENSION NO.1 (PK 10)	29.73
S83-2786	B) GRIP WIRE SUSPENSION NO.2 (PK 10)	5.36
S83-2787	C) GRIP WIRE SUSPENSION NO.3 (PK 10)	2.60
S83-2788	D) GRIP WIRE SUSPENSION NO.4 (PK 10)	7.63

CABLE ABRASION PROTECTOR

Reduces abrasion of aerial cables when in contact with poles and hardware fittings, with anchor clamp bail wire and tree branches.

S83-1670 Ref: 048987.

S83-1672 Ref: 048988.

S83-1673 Ref: 048989.



PART NO.	DESCRIPTION	PRICE
S83-1670	CABLE ABRASION PROTECTOR NO.1 - 6MM X 1M (PK 20)	67.53
S83-1671	CABLE ABRASION PROTECTOR NO.2 - 16MM X 1M (PK 10)	54.38
S83-1672	CABLE ABRASION PROTECTOR NO.3 - 25MM X 1M (PK 10)	69.17
S83-1673	CABLE ABRASION PROTECTOR NO.4 - 33MM X 1M (PK 10)	86.11
S83-1674	CABLE ABRASION PROTECTOR NO.5 - 40MM X 1M (PK 10)	95.17

INSULATOR STAY 2

Made of Vitreous Porcelain and used for insulating pole stays in the proximity of power lines.

Colour: Brown.

Size: 114mm long x 75mm wide.

Ref: 012501.



PART NO.	DESCRIPTION
S83-2997	INSULATOR STAY 2

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HYPOCLAMP SLIPPERY FISH AERIAL CABLE CLAMP / GRIP

The new Hypoclamp F is approved for PIA installations and has been designed for quick toolless installation of Slippery Fish SST COF250 Self Rodding Dropwire Cable for spans up to 70 metres.
Ref: 095296.



PART NO.	DESCRIPTION	PRICE
S83-0672	HYPOCLAMP SLIPPERY FISH AERIAL CABLE CLAMP / GRIP	2.25

A) SC711C 7 TO 11MM SUSPENSION CLAMP

Suspension Clamps - Enables the suspension of optical or coax figure-8 cables with steel or dielectric (FRP) messengers. Available to suit cables 7-11mm (S83-1675) and 3-7mm cables (S83-1706).



B) ARC 6 TO 9MM AERIAL CABLE RELIEF CLAMP

The ARC device enables the suspension of figure-8 cables in Hook Aerial Cable 1 and 1A to prevent the wearing of the cable sheath on the galvanised steel hook. For cables with catenary wires diameters 6 to 9mm. Ref: 016971.



PART NO.	DESCRIPTION	PRICE
S83-1706	A) SC37C 3 TO 7MM SUSPENSION CLAMP	4.17
S83-1675	A) SC711C 7 TO 11MM SUSPENSION CLAMP	4.17
S83-1677	B) ARC 6 TO 9MM AERIAL CABLE RELIEF CLAMP	3.77

ANCHORING CLAMPS FOR FRP/GRP FIGURE 8 CABLE

These anchoring clamps are designed for FRP/GRP Figure 8 Cable.

Designed with an opening conical body, two plastic wedges and a flexible 500mm bail, these anchor clamps offer a tensile strength of 750daN.

This thermoplastic body model, engineered to be mounted on distribution networks with spans up to 90m, enables the dead-ending of FTTH figure-8 drops. Available to suit 6-8mm and 8-10mm figure 8 cable.



PART NO.	DESCRIPTION	PRICE
S83-1678	A) 8 TO 10MM ANCHORING CLAMP	9.91
S83-1680	B) 6 TO 8MM ANCHORING CLAMP	4.38

CABLE DEAD END FOR COPPER PAIRS FIG. 8 CABLES

Used for Full Termination of heavy weight Aerial Cable with 7 strands of 1.63mm. Available to suit 3-6mm and 5-8mm figure 8 cable.

The jaw pierces the messenger outer sheath, when the clamp is installed, piercing the outer sheath to grip the steel rope.

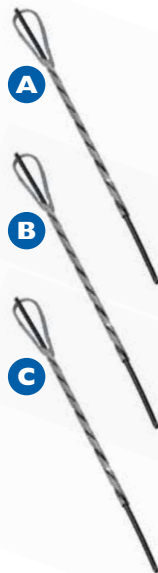
S83-3244 Ref: 016862.
S83-3243 Ref: 016970.



PART NO.	DESCRIPTION	PRICE
S83-3244	CABLE LIGHTWEIGHT 3-6MM AC 7-200	8.30
S83-3243	CABLE HEAVYWEIGHT 5-8MM AC 10-320	9.06

A) FIBRE CABLE CLAMP / GRIP 36 ULW AND 48 ULW PURPLE FLASH PK10

A galvanised spiral aerial grip or Helical Dead End (6.80-7.20mm) approved for PIA application and designed for quick toolless installation of 36f Ultra-LightWeight (ULW) and BIRLA 7mm Overhead Dropwire Cable. Overall length of 560mm (Purple Colour Tag).
Supplied in packs of 10.
Ref: 85656.



B) FIBRE CABLE CLAMP / GRIP 36 ULW AND 48 ULW YELLOW FLASH PK10

A galvanised spiral aerial grip or Helical Dead End (6.80-7.20mm) approved for PIA application and designed for quick toolless installation of overhead hybrid dropwire cable. Overall length of 560mm (Yellow Colour Tag).
Supplied in packs of 10.
Ref: 104340.

C) FIBRE CABLE CLAMP / GRIP OH FIBRE DROPWIRE PK10

A galvanised spiral aerial grip or Helical Dead End (5.80-6.20mm) approved for PIA application and designed for quick toolless installation of fibre dropwire cable. For spans up to 70 metres.
Supplied in packs of 10.
Ref: 090060.

PART NO.	DESCRIPTION	PRICE
S83-0673	A) FIBRE CABLE CLAMP / GRIP 36 ULW & 48 ULW PURPLE FLASH (PK10)	29.95
S83-1804	B) FIBRE CABLE CLAMP / GRIP 36 ULW & 48 ULW YELLOW FLASH (PK10)	29.95
S83-1807	C) FIBRE CABLE CLAMP / GRIP OH FIBRE DROPWIRE (PK10)	50.47

ANCHORING CLAMPS FOR DEAD-ENDING OF FTTH AERIAL ROUND CABLES

These anchoring clamps are designed for the dead-ending of FTTH aerial round cables from 5mm up to 8mm, with reinforced outer sheath. They are intended for installation on poles or facades, with maximum spans of 70m. Designed with a new shape for their wedges, these clamps enable an optimal cable grip. Thus, in case of overload, the pressure is distributed uniformly in order to preserve the optical cable performances. Available to suit 5-6mm and 6-8mm round cable.



PART NO.	DESCRIPTION	PRICE
S83-1792	A) ANCHORING CLAMP 5-6MM ROUND CABLES	4.23
S83-1793	B) ANCHORING CLAMP 6-8MM ROUND CABLES	4.23
S83-1679	C) ANCHORING CLAMP 9-12MM ROUND CABLES	9.27

EXTERNAL FIBRE LOCKING MECHANISM FOR ULTRA-LIGHTWEIGHT OVERHEAD CABLES

The Fibre Locking Mechanism also known as an ELM, is a locking mechanism essential for 'loose' jacketed element or elements in an overhead cable.

The FLM provides an effective solution that isolates the termination of the fibres, either spliced or connectorised, in the fibre enclosure from the 'in span' environmental loading (ice and winding).
Ref: 066611.



PART NO.	DESCRIPTION	PRICE
S00-7197	EXTERNAL FIBRE LOCKING MECHANISM	5.95

CAPPING STEEL**Capping Steel No. 1**

A galvanised steel channel section 2400mm long x 76mm wide pre-drilled for fixing. Used on wooden poles for protected cable space up to 19mm in diameter.

Ref: 070320.

Capping Steel No. 4

A galvanised steel channel section 2400mm long x 54mm wide, pre-drilled for fixing. Used on wooden poles for protected cable space up to 51mm in diameter.

Ref: 070323.

Capping Steel No. 5

A galvanised steel channel section 2400mm long x 80mm wide, pre-drilled for fixing. Used on wooden poles for protected cable space up to 76mm in diameter.

Ref: 070324.

Capping Steel No. 8

A galvanised steel channel section 610mm x 100mm wide. Used on wooden poles for protecting cable space up to 89mm in diameter.

Ref: 001627.

PART NO.	DESCRIPTION	PRICE
S83-2735	CAPPING STEEL NO. 1	11.99
S83-2736	CAPPING STEEL NO. 4	19.20
S83-2737	CAPPING STEEL NO. 5	21.50
S83-1753	CAPPING STEEL NO. 8	12.50

CONNECTOR BEND NO. 1

Connector Bend No. 1 or Elephant's Foot capping adaptor for use at distribution points for connecting 90mm ducts to 19mm capacity Capping Steel No. 1.

Ref: Ref 090951.



PART NO.	DESCRIPTION	PRICE
S83-2758	CONNECTOR BEND NO. 1	3.29

POLE DEPTH TUBE (DIP STICK)

Round rigid super high impact heavy gauge black 20mm PVC conduit.

Can be used to ensure and test that a pole has been installed to the required minimum depth appropriate for the specific pole.

The conduit is installed parallel to the pole and should be secured using S83-1967 50mm galvanised staples.

The conduit should also be capped using S83-3550 20mm pole depth tube cap.

**A****B****C**

PART NO.	DESCRIPTION	PRICE
V01-1153	A) ROUND PVC CONDUIT BLACK 20MM 3M	1.27
S83-1967	B) 5KG TUB GALVANISED STAPLES	30.84
S83-3550	C) POLE DEPTH TUBE CAP 20MM PACK OF 100	0.31

RIGID CABLE PROTECTING GUARDS

- Available in 4 different sizes • Pre-punched to aid installation
- Manufactured from high-impact PVC, for extra protection
- Supplied in 2.4m lengths • Supplied in black.

V01-4058: (also known as capping 26) Black PVC channel section 2440mm long x 51mm wide. Used on walls and wooden poles for protected cable space up to 40mm in diameter. Ref 072903.

V01-4056: (also known as capping 22) Black PVC channel section 2440mm long x 51mm wide. Used on walls and wooden poles for protected cable space up to 19mm in diameter. Ref: 070316.



PART NO.	DESCRIPTION	PRICE
V01-4056	19MM RIGID CABLE PROTECTOR 3M (CAPPING 22)	3.04
V01-4057	25MM RIGID CABLE PROTECTOR 3M	6.49
V01-4058	40MM RIGID CABLE PROTECTOR 3M (CAPPING 26)	10.58
V01-4059	55MM RIGID CABLE PROTECTOR 3M	10.76

PREMISES CAPPING**SEE PAGES 150-151**

A) EYEBOLT EXPANDING 1A

A dropwire fixing consisting of a Zinc plated steel eyebolt with an M6 thread. This is the preferred method of attaching a dropwire to brickwork at end users' premises. Overhead single point fixing bolt. Ring size 12mm. Required hole size 12mm x 50mm. Box 20. Ref: 016445.

B) EYEBOLT EXPANDING 2A

A dropwire fixing consisting of a Zinc plated steel eyebolt with an M10 thread. This is the preferred method of attaching a dropwire to the end users premises, where the walls are rendered. Ring size: 14mm. Required Hole size: 16mm diameter x 95mm depth. Box 20. Ref: 016442 / 021689 / 023041.

C) M8 EYEBOLT

Eyebolt M8 x 95mm for use with Catenary Wire Kits (R02-7028) and associated accessories.

Provides temporary or permanent anchorage in stone, concrete or brickwork. Supplied with shield, washer and hex nut.

D) EYEBOLT EXPANDING 2B

A dropwire fixing consisting of a Zinc plated steel eyebolt with an M10 thread and a length of 205mm. This is the preferred method of attaching a dropwire to the end users premises, where the walls are clad. Ring size 23mm ID with 40mm OD.

E) EYEBOLT EXPANDING 2C

A dropwire fixing consisting of a Zinc plated steel eyebolt with an M10 thread and a length of 255mm. This is the preferred method of attaching a dropwire to the end users premises, where the walls are heavily clad. Ring size 23mm ID with 40mm OD.



PART NO.	DESCRIPTION	PRICE
S83-1853	A) EYEBOLT EXPANDING 1A PKT 20	10.25
S83-0901	B) EYEBOLT EXPANDING 2A PKT 20	14.30
R02-7024	C) M8 EYEBOLT (SINGLE)	3.31

PART NO.	DESCRIPTION	PRICE
S83-2626	D) EYEBOLT EXPANDING 2B (EACH)	8.19
S83-2628	E) EYEBOLT EXPANDING 2C (EACH)	9.20

A) BOLT EXPANDING 1A

Zinc plated steel stud with an M10 thread. Used in Joint boxes and manholes to fix Cable Bearers (S83-3203-S83-3208) and Steps Manhole No.2 (S83-3217). Size M10 x overall Length 85mm. Designed for use in an 12mm diameter hole Supplied in a pack of 20 Ref: 071906.

B) BOLT EXPANDING 2A

M10 x 90mm (Overall Length 105mm) expansion bolt with a 30mm diameter washer requiring a 16mm hole to be drilled into concrete or brickwork - supplied in boxes of 25. Ref: 021689.

C) STUD EXPANDING 1A

Zinc plated steel stud with an M6 thread (similar to Eyebolt Expanding 1A).

Used when securing S83-2724 Bracket 32 and S83-9215 Wall Plate 5A to brickwork. Designed for use in an 8mm diameter hole. Ref: 016303.



PART NO.	DESCRIPTION	PRICE
S83-2869	A) BOLT EXPANDING 1A PKT 20	0.47
S83-1773	B) BOLT EXPANDING 2A BOX OF 25	19.90
S83-1854	C) STUD EXPANDING 1A PKT 20	19.95

CRANKED COMBINATION SPANNERS

Combination Spanners - cranked at 20 degree to prevent knuckles from rubbing on brickwork and general masonry.

A) 10mm combination spanner for installing Bolt Expanding 1a and other 10mm hexagon headed fixings.

Ref: 127468

B) 17mm combination spanner for installing Bolt Expanding 2a and other 17mm hexagon headed fixings.

Ref: 129393/141751.



PART NO.	DESCRIPTION	PRICE
H72-1771	A) 10MM COMBINATION SPANNER	1.61
H72-1772	B) 17MM COMBINATION SPANNER	2.72

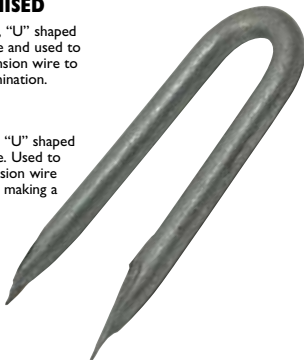
STAPLES GALVANISED

A) Galvanised steel staple, "U" shaped approximately 40mm wide and used to retain single strand suspension wire to poles when making a termination.

Ref: 16270.

B) Galvanised steel staple, "U" shaped approximately 50mm wide. Used to retain multi strand suspension wire and CAC's to poles when making a termination.

Ref: 016271.



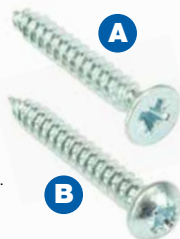
PART NO.	DESCRIPTION	PRICE
S83-2857	A) 40MM STAPLE PK 1KG	9.00
S83-2858	B) 50MM STAPLE PK 1KG	8.28

A) COUNTERSUNK POLE FIXING SCREW

Pozidrive zinc plated countersunk wood screw with twin thread profile for fast installation. Supplied in boxes of 200.

B) PANHEAD POLE FIXING SCREW

Pozidrive zinc plated panhead wood screw with twin thread profile for fast installation. Supplied in boxes of 200.



PART NO.	DESCRIPTION	PRICE
S83-0859	A) NO.12 X 1" COUNTERSUNK POZIWOOD SCREW PK 200	3.86
S83-2927	A) NO.12 X 1.1/2" COUNTERSUNK POZIWOOD SCREW PK 200	5.22
S83-2928	A) NO.12 X 2" COUNTERSUNK POZIWOOD SCREW PK 200	8.55
R02-1662	A) NO.12 X 2.1/2" COUNTERSUNK POZIWOOD SCREW PK 200	9.01
S83-1823	A) NO 12 X 3" COUNTERSUNK POZIWOOD SCREW PK 200	9.23
R07-1747	B) NO.12 X 1" PANHEAD POZIWOOD SCREW PK 200	10.22
R07-1748	B) NO.12 X 1.1/2" PANHEAD POZIWOOD SCREW PK 200	13.89
R07-1749	B) NO.12 X 2" PANHEAD POZIWOOD SCREW PK 200	14.83

PRYSMIAN POLE/WALL MOUNTABLE FTTH CONNECTIVITY PRODUCTS

A) PRYSMIAN HYBRID DROP BOXES

Wall mounted product used for the splicing of up to 4 fibres and up to four customer drop cables. The box also has the added feature of a copper storage area to accommodate a hybrid cable.

B) PRYSMIAN CASALINK CBTS

Pole mounted connectorised block terminal, available in 4, 8 or 12 port sizes.

C) PRYSMIAN UMJ JOINT CLOSURE

The Ultra Compact Multi Function Joint (UMJ) is ideal for use as a Cable Chamber Joint, Track Joint, Spur Joint or Distribution Joint due to its capacity and compact size. It has a maximum capacity of 72 fibres, the splice trays are factory fitted and each tray can accommodate up to 12 spliced fibres. A multi-functional mounting bracket is available, enabling the UMJ to be wall or pole mounted, either vertically or horizontally.

D) PRYSMIAN CMJ JOINT CLOSURE

The UMJ is ideal for use as a Cable Chamber Joint, Track Joint, Spur Joint or Distribution Joint due to its capacity of up to 144 fibres and its compact size. The splice trays are factory fitted and each tray can accommodate up to 12 spliced fibres.

A multi-functional mounting bracket is available, enabling the UMJ to be wall or pole mounted, either vertically or horizontally.

See **P89-P92** for more Prysmian closures



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NOVUX HARDENED TERMINALS

Agile, flexible, future-proof. Sounds like a tall order. That's where CommScope's new NOVUX hardened terminals come in. The state-of-the-art design and innovative technology of our new terminals will help our provider partners ready their networks for the changes to come.

- Full size single fibre connector
- Feeder cable lengths 0-600m. Connector or stub.
- BLACK or GREY
- Up to 12 ports
- Minimized footprint for port count.
- Unique Network ID Plate, QR code.
- Uniform installation practice, documentation.
- Digital access to product information, via CommScope cTrack app.



NOVUX HT	TECHNOLOGIES AVAILABLE	SMALL	MEDIUM	LARGE	
HST Series	Single-fibre: P2P/no splitters	2 ports	6 ports	12 ports	
		4 ports	8 ports		
	Single-fibre: P2P w/splitters	2 ports, 1x1:2	8 ports, 2x1:4	12 ports, 3x1:4	
		4 ports, 1x1:4	8 ports, 1x1:8		
	Hybrid for multi-use			7 ports, 1x1:4 splitter, 3 P2P	12 ports, 1x1:8 splitter, 4 P2P
		4 ports, 1x1:2 splitter, 2 P2P	8 ports, 1x1:4 splitter, 4 P2P		11 ports, 2x1:4 splitter, 2 P2P, 1 HMFOC 4f

Ring sales for **ordering guide** or visit: millsld.com

PRYSMIAN 36F AND 48F ULTRA-LIGHT WEIGHT (ULW) OVERHEAD AND UNDERGROUND CABLE

These multi-unit optical drop cables are designed for aerial and/or duct applications and are suitable for use under 11kV power cables.

A) PRYSMIAN 36F ULTRA-LIGHT WEIGHT (ULW) CABLE (2KM REEL)

Layout: 3 x 12 singlemode fibres

Cable Diameter: 7.0mm

B) PRYSMIAN 48F ULTRA-LIGHT WEIGHT (ULW) CABLE (2KM REEL)

Layout: 4 x 12 singlemode fibres

Cable Diameter: 7.1mm

The fibre is supplied in a 2km length on plywood reels, longer lengths are available on request.

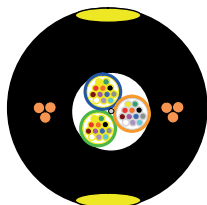


Image shown is of the 36F variant, not to scale.

- Optical fibre: Singlemode G.657.A1.
- Strength member: 3 x 0.32mm brass plated steel wires.
- Longitudinal Water Tightness: Water swellable elements (core only).
- Inner Sheath: HDPE.
- Stripes: Indicate planes for easy sheath removal.
- 36F Drum Height: 44cm.
- 36F Drum Diameter: 80cm.
- Max Installation Tension: 1200N.
- Maximum Breaking Load: 2000N.

PART NO.	DESCRIPTION	PRICE
60048617	A) 36F ULTRA-LIGHT WEIGHT (ULW) (2KM REEL)	POA
60050990	B) 48F ULTRA-LIGHT WEIGHT (ULW) (2KM REEL)	POA

A) BLOCK TERMINAL 66B

An IDC type connection box with a slide on lid measuring approximately 115 x 90 x 30mm. Used on a Pole or a building when it is necessary to make a joint in the dropwire. Used with Block Inserts 1A and 2A.

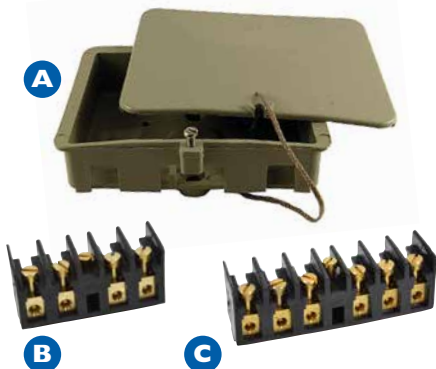
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B) BLOCK INSERT 1A

Maintenance replacement four way insert, inserted in Block Terminal 66B.

C) BLOCK INSERT 2A

Maintenance replacement six way insert inserted in Block Terminal 66B.



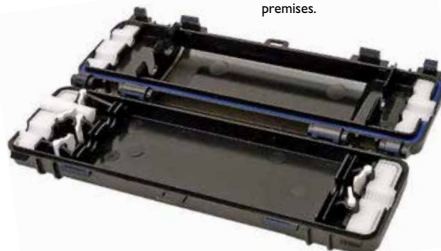
PART NO.	DESCRIPTION	PRICE
S83-2722	A) BLOCK TERMINAL 66B	6.13
S83-3164	B) BLOCK INSERT 1A	3.57
S83-3165	C) BLOCK INSERT 2A	5.57

ABOVE GROUND TELECOMS CLOSURE 2/4A

The 2/4A Above Ground Closure is widely used on buildings where communication wires and drop wires have to be joined externally.

Ref: 026014.

- Gel Crimps themselves offer a degree of protection against the elements but still need to be contained and this enclosure is ideal.
- Designed to accommodate 8A style and other gel filled crimps.
- Used to house the OH splice made from the drop wires entering the house demarcation point.
- Used to join / junction drop wires and other communications / telephone cables.
- Ideal for aerial and underground use, outside plant, under eaves or on poles.
- Options for 1, 2 or 3 cable entry points.
- Complies with BT Specification LN684 Issue 3 2005.
- IP54 rated.
- Product dimensions - 140 x 50 x 20mm approx.
- Can replace Box Connection 16A and Block Terminal 66B for housing joints in dropwire at premises.



PART NO.	DESCRIPTION	PRICE
S83-1683	ABOVE GROUND TELECOMS CLOSURE 2/4A	5.92

FTTP BFD/CU HYBRID COME-ALONG CLAMP FOR COPPER AND FIBRE DROP CABLE

Overhead Cable Installation Tool (Come Along Clamp) but now with grip inserts for legacy 6 to 8mm cables as well as for the new flat ROC cable from Corning and EzAxS from CommScope for FTTP deployment.

Supplied with heavy duty 2 metre chain and sturdy carabiners for securing and holding tension during installation.

Ref 069586.



PART NO.	DESCRIPTION	PRICE
S83-3583	COME-ALONG CLAMP FOR DROP CABLE	22.31

GRIP PULLING AERIAL CABLE

Grip Pulling Aerial Cable - 'come along clamp' - available in 2 sizes:

A) S83-0940: Used for the installation of aerial cables, sometimes referred to as a come-along clamp. Size 2A is 4-12mm. Ref: 127256.

B) S83-0993: Used for the installation of aerial cables, sometimes referred to as a come-along clamp. Size 3A is 3-9mm.



PART NO.	DESCRIPTION	PRICE
S83-0940	A) GRIP PULLING AERIAL CABLE 2A (4-12MM)	58.76
S83-0993	B) GRIP PULLING AERIAL CABLE 3A (3-9MM)	52.39

X BOARD XB500+ CABLE DISPENSER

The X-BOARD XB500 plus with it's spring loaded arms is a universal device for winding and dispensing cable drums. It's suitable for all types of cable, rope and conduit drums, enabling trouble-free and efficient working without the tangles. Excellent for damaged cable drums. Load bearing capacity 800Kg. Rubber feet to ensure a non-slip and secure positioning whilst protecting floor surfaces. Height 133mm. Diameter 500mm.



PART NO.	DESCRIPTION	PRICE
S00-3283	X BOARD XB500+ CABLE DISPENSER	329.95

PULLEY DROPWIRE

Pulley drop wire No.4 and No. 6 are one way snatch block type pulley used during the erection and installation of dropwire cable. Both are similar, but the No 6 incorporates a clam cleat.

A) No 4 Ref: 127580.

B) No 6 Ref: 047036.



PART NO.	DESCRIPTION	PRICE
S83-2685	A) PULLEY DROPWIRE 4	36.50
S83-2686	B) PULLEY DROPWIRE 6	47.29

A) X BOARD 500 CABLE AND FLEXIBLE CONDUIT DISPENSER

The X BOARD - XB 500 is a horizontal cable reel stand design for quick and effortless reeling and unreeling of most cable reel with a maximum weight capacity of 800kg.

Dimensions: L 530 x B 530 x H 150mm. Diameter: Ø 500mm



B) X BOARD 500 MULTI FUNCTION MANDREL

The multi-function mandrel has been specially developed for the S00-4350 X BOARD XB 500 cable rolling system. Loose cable bundles can be rolled by attaching them to the stainless steel centre mandrel of the XB 300 and then folding out the 4 side brackets.



PART NO.	DESCRIPTION	PRICE
S00-4350	A) X BOARD 500 CABLE AND FLEXIBLE CONDUIT DISPENSER	219.00
S83-2029	B) X BOARD 500 MULTI FUNCTION MANDREL	71.01

A) MILLS 24" CABLE A FRAME DRUM STAND DISPENSER

24 Inch Universal Cable Reel Stand - Suits drums up to 600mm diameter, 500mm width and weight of 100kg.

Dimensions: 780 x 750 x 180mm.

Weight: 10kg.



B) MILLS CABLE DRUM CONES FOR CABLE A FRAME

A pair of tapered cones designed to be used in conjunction with the S13-1200 Mills Cable A Frame, allowing smooth dispensing of cable from single or multiple cable drums.

The cones are tapered to accept reels with spindle bores from 25mm to 120mm.

In addition, multiple pairs of cones can be 'back to backed' to allow more than one reel to be dispensed.

The cones have quick turn toggle clamps which can be easily adjusted to accept reel widths of up to 500mm.



PART NO.	DESCRIPTION	PRICE
S13-1200	A) MILLS 24" CABLE A FRAME DRUM STAND DISPENSER	28.50
S13-0464	B) MILLS CABLE DRUM CONES FOR CABLE A FRAME	54.58

DISPENSER DROPWIRE 2C

A specialist cable stand and dispenser, manufactured from tubular steel construction dropwire dispenser with an adjustable tensioning device to prevent overrun of the drum. The drum is held by means of a spring loaded spindle. The unit further benefits from telescopic handle giving a collapsed height 600mm.

The 2B has now evolved to a 2C with the modification of the spindle which is now less than 100mm in length and replaces the legacy mechanism allowing for much easier loading procedure.

Ref: 127548 / 126468.



PART NO.	DESCRIPTION	PRICE
S00-8432	DISPENSER DROPWIRE 2C	66.67

DISPENSER SASH LINE

Sash line dispenser used with Dispenser Dropwire to aid dispensing of Sash Line.

Ref: 126356.



PART NO.	DESCRIPTION	PRICE
S83-0782	DISPENSER SASH LINE	14.95

BELT POLE 1B

Used along with Dispenser Dropwire 1 to tie off sash line at the base of a pole. In the interests of safety, this item is non-returnable and non-refundable (unless faulty). Ref: 126966.



PART NO.	DESCRIPTION	PRICE
S83-3949	BELT POLE 1B	30.05

STRAP LASHING NO.1

Webbing strap 1 metre in length by 25mm wide, attached permanently to a small load lashing device. Used to secure S00-8426 Dropwire Dispenser to poles during the erection of dropwires.



PART NO.	DESCRIPTION	PRICE
S83-1956	STRAP LASHING NO.1	5.09

A) CONNECTOR DROPWIRE 2A

Designed for wire gauge sizes 0.5-0.9mm and Dropwire. This is a grease filled two wire straight through insulation displacement connector. Box of 100.



B) SLEEVE DROPWIRE PROTECTION 2A

35mm long PVC sleeve which is placed over the folded back strength members of Cable Drop wire 10. The sleeve protects the conductors from possible damage caused by the sharp ends of the strength members. Supplied in a pack of 100.



PART NO.	DESCRIPTION	PRICE
S83-2767	A) CONNECTOR DROPWIRE 2A	POA
S83-0950	B) SLEEVE DROPWIRE PROTECTION 2A	11.15

DROPWIRE

A) Dropwire 10B

A two pair dropwire with 0.5 copper conductors used either when an end user requires a single line or two lines terminated on the same NTE. Supplied in 350m drums. Ref: 055201

B) Cable Dropwire 14

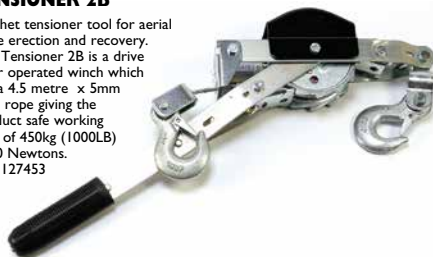
Overhead telephone distribution cable. Drop wire 14 is a 4 pair black external cable, incorporating strain wires of yellow pvc insulated, brass coated steel stranded wire. Supplied on 350m drum.



PART NO.	DESCRIPTION	PRICE
W05-0347	A) DROPWIRE 10B	73.50
W05-0348	B) DROPWIRE 14	100.00

TENSIONER 2B

Ratchet tensioner tool for aerial cable erection and recovery. The Tensioner 2B is a drive lever operated winch which has a 4.5 metre x 5mm wire rope giving the product safe working load of 450kg (1000LB) 4450 Newtons. Ref: 127453



PART NO.	DESCRIPTION	PRICE
S83-0925	TENSIONER 2B	71.43

MILLS CBT BACK-TO-BACK POLE BRACKET (DOUBLE)

A galvanised bracket for 4, 8 and 12 Way Corning and Commscope CBTs (Connector Block Terminals). Manufactured from 1.2mm galvanised steel, the bracket is approved for PIA application and fixes to the top of the pole using the panhead screws provided.

The bracket has 4 x 3mm, 8 x 4mm and 4 x 6mm nutserts to accept different manufacturers' CBT's. The back-to-back bracket is supplied with:

- 4 x M3 x 25 Pozzi Panhead Screws.
- 8 x M4 x 30 Pozzi Panhead Screws.
- 4 x M6 x 30 Pozzi Panhead Screws.

Each face measures 380 x 140mm and the bracket 'stands off' 165mm.

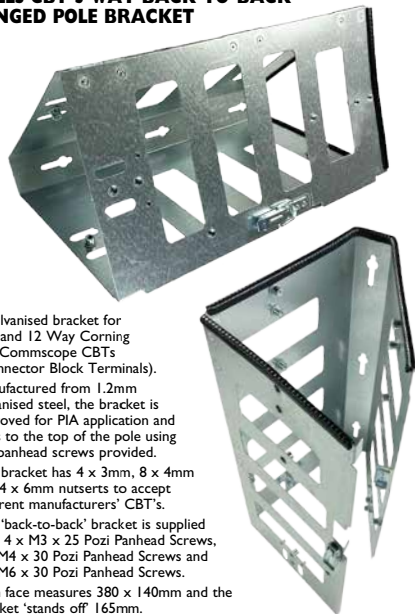
This product has recently been upgraded, as requested by Openreach, with the addition of a protective strip to the top edge.

Ref: 095656.



PART NO.	DESCRIPTION	PRICE
S00-1751	MILLS CBT BACK-TO-BACK POLE BRACKET (DOUBLE)	30.85

MILLS CBT 3 WAY BACK-TO-BACK HINGED POLE BRACKET



A galvanised bracket for 4, 8 and 12 Way Corning and Commscope CBTs (Connector Block Terminals).

Manufactured from 1.2mm galvanised steel, the bracket is approved for PIA application and fixes to the top of the pole using the panhead screws provided.

The bracket has 4 x 3mm, 8 x 4mm and 4 x 6mm nutserts to accept different manufacturers' CBT's.

The 'back-to-back' bracket is supplied with 4 x M3 x 25 Pozzi Panhead Screws, 8 x M4 x 30 Pozzi Panhead Screws and 4 x M6 x 30 Pozzi Panhead Screws.

Each face measures 380 x 140mm and the bracket 'stands off' 165mm.

PART NO.	DESCRIPTION	PRICE
S00-1741	MILLS CBT 3 WAY BACK-TO-BACK HINGED POLE BRACKET	51.45

MILLS UNIVERSAL FACEPLATE FOR CBT BACK-TO-BACK BRACKETS

A specialist composite material block 360mm x 140mm x 25mm, for mounting on to the double or triple CBT brackets, for provision of legacy copper components and relieving congestion at the top of poles.

The block is predrilled, supplied with 2 x M6 x 30mm panhead screws and benefits from a 25 year warranty. (Bracket not included).



PART NO.	DESCRIPTION	PRICE
S83-1852	MILLS UNIVERSAL FACEPLATE FOR CBT BACK-TO-BACK BRACKETS	8.19

MILLS SPICEMATE PORTABLE SPICER'S TABLE & TRIPOD

Comprising an edged tray and fully adjustable tripod, the Spicemate is the ideal solution for both field and exchange engineers. The splicer can be securely attached to the tray in multiple positions, allowing ample room for tools, cleaning products and accessories.

The splicing tray is manufactured from 2mm steel plate and measures 400mm deep x 500mm wide. In addition the tray has 4 slots which allows the splicer to be secured in multiple positions using the 6mm captive tripod screw (supplied). The underside of the tray has a threaded boss for easy location and can be quickly screwed into the tripod.

The professional grade tripod is manufactured from lightweight aluminium weighing less than 1.8kg and able to extend from a close height of 43cm to a maximum height of 146cm.

In addition the tripod has an S Hook to allow it to be weighted with a 5kg traffic bag (S00-6725).



PART NO.	DESCRIPTION	PRICE
S83-1857	MILLS SPICEMATE PORTABLE SPICER'S TABLE & TRIPOD	208.73

THE MILLS POLEMATE SYSTEM

The Polemate range of products and accessories has been specifically designed in conjunction with telecom engineers to assist field operational staff with the installation of telecommunication equipment. The Polemate system comprises a pole-mounting base unit to which splicing trays and cable reel stands can quickly and easily be attached providing a stable platform whilst on site. In addition many of the components are interchangeable with the Mills Pitmate System, shown on page 65. The Mills Polemate system can be supplied as modular components or as a complete Polemate kit.



MILLS POLEMATE KIT

Kit comprises;
S83-7622 Base Unit
S83-7623 Rubber Wedge Spacers Pk3
S83-7629 Splicer's Work Tray
S83-7624 CBT Arm



Polemate Base Unit



...with General Tray



...with Splicer's Tray



...with CBT Reel Arm

EXTERNAL
OVERHEAD

B



MILLS POLEMATE BASE UNIT

The foundation of the Polemate system is this Polemate Base Unit which comprises a 50mm wide x 1200mm long webbing ratchet strap and a pole back plate, which can be simply ratcheted to the desired height on the pole.

C



MILLS POLEMATE BASE UNIT WITH SPLICER'S WORKTRAY

This kit contains a 50mm wide x 1500mm long webbing strap with back plate, splice table with slicer tripod fixing 508mm x 408mm.

Strap Dimensions 50mm width x 1500mm in length. Splice Tray 508mm width x 408mm depth x 2mm thickness. Total weight 5.2Kg.

D



SPLICER'S WORK TRAY

A purpose made splicers tray that simply slots into the S83-7622 Polemate Base Unit providing a firm work support for both joint, splicer, cleaver and associated tools.

Dimensions: Width 508mm x Depth 408mm x Thickness 2mm.

E



CBT ARM

A specialist 500mm long bracket for use in the installation and controlled de-reeling of CBT Cable Reel Assemblies up to a diameter of 830mm. The CBT Arm System allows the reel to be unreeled in a controlled manner due to the interference fit of the spindle flanges.

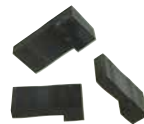
F



GENERAL WORKING TRAY

Easily slipped into the S83-7622 Mills Polemate Base Unit Bracket providing a firm work support for general service and maintenance applications. Dimensions: 508mm x 258mm.

G



RUBBER WEDGE SPACER PK3

Pack of 3 wedge-shaped rubber spacers which can be used to prevent compression marks and avoid damage to vertically routed copper cables. Dimensions: Length 100mm x Width 50mm wide x Thickness 15/30mm.

PART NO.	DESCRIPTION	PRICE
S83-9327	A) MILLS POLEMATE KIT	228.20
S83-7622	B) MILLS POLEMATE BASE UNIT	34.97
S83-6958	C) MILLS POLEMATE BASE UNIT WITH SPLICERS WORKTRAY	102.95
S83-7629	D) MILLS POLEMATE / PITMATE SPLICER'S WORK TRAY	67.98
S83-7624	E) MILLS POLEMATE / PITMATE CBT ARM	102.95
S83-7431	F) MILLS POLEMATE / PITMATE GENERAL WORKING TRAY	41.15
S83-7623	G) MILLS POLEMATE RUBBER WEDGE SPACER PK3	22.30

RIGGING HEAD 1A

For installing rigging lines in hollow poles.



This device is used for threading cable up the inside of hollow telegraph poles. It is used by screwing the head on to Rod Duct No.2 and pushing it up the inside of the telegraph pole. A weight attached to a length of rope drops down the outside of the pole, leaving the pole threaded by rope. Cable can then be fed through.

PART NO.	DESCRIPTION	PRICE
S83-0781	RIGGING HEAD 1A	16.29

RIGGING WEIGHT 1A

Sash weight 0.8kg for use with Rigging Head 1A (S83-0781) to assist with cabling on hollow poles. The weight is tapered and manufactured from plated steel and supplied with snap key ring hook.

Ref: 126676.



PART NO.	DESCRIPTION	PRICE
S83-0936	RIGGING WEIGHT	5.55

MILLS STAR LOCK PILLAR KEY FOR HUAWEI CABINETS

A multi-purpose star shaped key for use on normal copper cabinets as well as Huawei and ECI DSLAM's Cabinets.

This key is similar to the standard S13-0804 triangular pillar key but has further semi-circular recesses that allow it to be used on both copper and fibre cabinets.



PART NO.	DESCRIPTION	PRICE
S13-1635	MILLS STAR LOCK PILLAR KEY FOR HUAWEI CABINETS	4.95

KEY PILLAR

A multi purpose triangular shaped key for use on hollow poles, cross connection cabinets, distribution pillars and jointing posts.

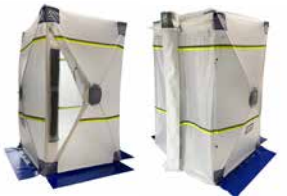
Ref: 114996.



PART NO.	DESCRIPTION	PRICE
S13-0804	KEY PILLAR	4.95

POLE TENTS

SEE PAGES 188-189

**MILLS BELT POCKET**

A heavy duty tool bag and pouch manufactured for the telecommunication engineer from heavy grade cordura with robust fully adjustable webbing belt. This toolholder features 4 pockets (1 large, 1 medium and 2 small) and is ideal for storage of hand tools, cleats and consumables. The base and corners of the belt pocket have been reinforced with 2 layers of material.

Dimensions: Width 260mm x Height 375mm.

Ref: 058524 / 129466.



PART NO.	DESCRIPTION	PRICE
S83-0845	MILLS BELT POCKET	9.90

MILLS CABLING IN PROGRESS 3 SIDED BOLLARD 500MM

The Mills three sided 'Cabling in Progress' bollard is an essential addition to assist the cabling engineer for both internal and external installations.

These bollards are 500mm in height, fully stackable, manufactured from 100% recycled PVC, with a heavy base for support in high winds.

Height: 500mm.

Width at base: 390mm.



PART NO.	DESCRIPTION	PRICE
S00-1627	MILLS CABLING IN PROGRESS 3 SIDED BOLLARD 500MM	10.25

A) MILLS TOOL BAG LIFTING HANGER

A specialist 6mm sprung wire lifting hanger used in conjunction with Mills Super Wide Opening Tool bags (B72-5810 and B72-5811) by linesman working at height.

**B) MILLS JUNIOR TOOL BAG**

High quality super-wide opening multi-pocketed bags with shoulder straps and soft sides to not only protect expensive tools and testers, but also to prevent damage to customers walls and floors. Now with reinforced plastic base.



PART NO.	DESCRIPTION	PRICE
R02-4674	A) MILLS TOOL BAG LIFTING HANGER	5.41
B72-5811	B) MILLS JUNIOR TOOL BAG	17.60

External Underground



- Cable Bearers
- Cable Rollers and Bell Mouths
- Cable Socks
- Chambers and Covers
- Caulking, Compounds and Resins
- Duct Brushes and Mandrels
- Duct Rods and Cobras
- Fibre Enclosures
- Fixtures and Fastenings
- Links and Swivels
- Mobra Brackets
- Pit Lifters
- Polemate

RODS DUCT**B**

S83-1446 Ref: 126254.
S83-0711 Ref: 126277.
S83-1505 Ref: 126436.



Genuine BT specification rods,
manufactured in the UK.

Four different threads are used to connect the most commonly used duct rods.

Type A: S83-1446 Duct Rod No.1 (3 metre) and S83-0711 No.2 (2 metre) Male and Female

Type B: S83-1505 Duct Rod No.5 Male and Female

Type C: S83-0776 Duct Rod No.3 Continuous Male and Female

Type D: S83-0776 Duct Rod No.3 Continuous Male only - For attachment to the bare rod only

A) As supplied to approved by the telecom utilities. 25mm diameter high quality glass fibre reinforced rod with polyethylene outer coating. Features quick release brass threaded fittings that can be quickly joined and released.

B) As supplied to approved by the telecom utilities Duct Rod No 5 is a 13mm diameter high quality glass fibre reinforced rod with polyethylene outer coating. The rod is 2m in length with quick release brass threaded fittings that can be quickly joined and released.

PART NO.	DESCRIPTION	PRICE
S83-1446	A) NO.1 FERRET TYPE 3M X 25MM	14.50
S83-0711	A) NO.2 FERRET TYPE 2M X 25MM	13.50
S83-1505	B) NO.5 FERRET TYPE 2M X 13MM	6.45

ROD DUCT NO 3 CONTINUOUS 250M X 15/16 INCH

Used and approved by the telecom utilities Duct Rod No3 is a 15/16" diameter high quality reinforced fibreglass rod with polyethylene outer coating supplied in a continuous coiled reel of 250m with no joints fitted. This item is usually supplied on its own to fit to a motorised swift in larger vans with S83-0780 Coupling Rod Duct 3 Reel.

Coil diameter approx. 183cm or 6'.



PART NO.	DESCRIPTION	PRICE
S83-0776	ROD DUCT NO 3 CONTINUOUS 250M X 15/16 INCH	364.84

MILLS DUCT ROD NO.1 ACCESSORY KIT

Comprehensive accessory kit for S83-1446 Duct Rod No.1 and S83-0711 Duct Rod No.2.

Comprising:

S83-0714 Adaptor Rod 1A
S83-0712 Adaptor Rod 2A
S83-0713 Adaptor Rod 3A
S83-0715 Adaptor Rod 5
S83-0716 Adaptor Rod 7
S13-0720 Attachment Rod 4A

Now supplied in B99-1832 Mills Storage Pouch.



PART NO.	DESCRIPTION	PRICE
S00-7671	MILLS DUCT ROD NO.1 ACCESSORY KIT	61.79

MILLS DUCT ROD NO.3 ACCESSORY KIT

Comprehensive accessory kit for S83-0776 Duct Rod No.3 Continuous

Comprising:

S83-0714 Adaptor Rod 1A
S83-0712 Adaptor Rod 2A
S83-0713 Adaptor Rod 3A
S83-0715 Adaptor Rod 5
S13-0720 Attachment Rod 4A
S83-0777 Coupling Rod Duct 3 Male
S83-0778 Coupling Rod Duct 3 Male Swivel
S83-0779 Coupling Rod Duct 3 Male

Now supplied in B99-1832 Mills Storage Pouch.



PART NO.	DESCRIPTION	PRICE
S00-7672	MILLS DUCT ROD NO.3 ACCESSORY KIT	82.39

MILLS DUCT ROD NO.5 ACCESSORY KIT

Comprehensive accessory kit for S83-1505 Duct Rod No.5.

Comprising:

S83-0717 Attachment Rod 1A
S83-0718 Attachment Rod 2A
S83-0719 Attachment Rod 3A
S83-0716 Adaptor Rod 7

Now supplied in B99-1832 Mills Storage Pouch.



PART NO.	DESCRIPTION	PRICE
S00-7673	MILLS DUCT ROD NO.5 ACCESSORY KIT	34.68

SUBDUCT PULLING EYE (WUD CARROT / GRIP THREADED)

Designed to install polyethylene ducting (sub duct) using a 100mm long screw-in tapered thread which will grip ducts with an inner diameter of 10 to 22mm. These 'grip threads' have cutting edges which actually make a thread in the bore of the ducting, similar to using a tap to cut a thread in steel. To ensure a reliable grip we recommend 7 or 8 full threads of contact.

The Mills WUD Carrot has a 'Type A' male thread for direct fitting to the female end of the No1 and No2 Ferret Duct Rods (S83-1446 and S83-0711). These subduct 'pulling eyes' are manufactured from hardened steel and have been zinc plated to provide corrosion resistance.



PART NO.	DESCRIPTION	PRICE
S13-1825	SUBDUCT PULLING EYE (WUD CARROT)	41.15

GRIP COUPLING 1A

The Grip Coupling 1A is a simple 3 metre x 13mm fibre rod to assist in straightening 25mm subduct No5, prior to installation.

The full length of the rod is inserted and secured into the 25mm subduct using its tapered thread fixing.

Once secured the 'Grip Coupling 1A' can then be attached to a duct rod No1 (S83-1446) or duct rod No2 (S83-0711) and the subduct easily introduced and pulled into the main duct.



PART NO.	DESCRIPTION	PRICE
S83-9321	GRIP COUPLING 1A	45.95



ADAPTOR ROD 1A

This adaptor has Type C female thread and a Type A male thread and can be used to attach S83-0778 Coupling Rod Duct 3 Male Swivel and S83-0779 Coupling Rod Duct 3 Male to the female end of a S83-1446 Duct Rod No.1 or S83-0711 Duct Rod No.2.

Ref: I26484.



PART NO.	DESCRIPTION	PRICE
S83-0714	ADAPTOR ROD 1A	7.19

ADAPTOR ROD 2A

This adaptor has a Type A female lockfast thread and a Type C male thread and adapts the male end of an S83-1446 Duct Rod No.1 or S83-0711 Duct Rod No.2 for use with an S83-0720 Attachment Rod 4A or Coupling Up Pieces S83-0721 and S83-0722.

Ref: I26540.

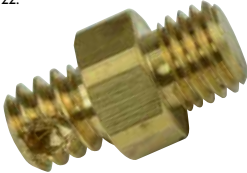


PART NO.	DESCRIPTION	PRICE
S83-0712	ADAPTOR ROD 2A	18.25

ADAPTOR ROD 3A

This adaptor has a Type A male thread and a Type C male thread and provides a multitude of connection options including the adaptation of the female end of a S83-1446 Duct Rod No.1 or S83-0711 Duct Rod No.2 to connect to a S83-0720 Attachment Rod 4A or Coupling Up Pieces S83-0721 and S83-0722.

Ref: I26485.



PART NO.	DESCRIPTION	PRICE
S83-0713	ADAPTOR ROD 3A	10.74

ADAPTOR ROD 5

This adaptor has a Type A male thread and a Type C male thread. It can be used as a flexi-end when fixed into the female end of a S83-1446 Duct Rod No.1 or S83-0711 Duct Rod No.2 and combined with S83-0720 Attachment Rod 4A. It can also be used to connect S83-1446 Duct Rod No.1 or S83-0711 Duct Rod No.2, to S83-0721 and S83-0722 Coupling Up Pieces.

Ref: I26296.



PART NO.	DESCRIPTION	PRICE
S83-0715	ADAPTOR ROD 5	27.83

ADAPTOR ROD 7

This adaptor has a Type B male thread and a Type A female thread and allows the male end of S83-1446 Duct Rod No.1 or S83-0711 Duct Rod No.2 to join to the female end of S83-1505 Duct Rod No.5.

Ref: I10002.



PART NO.	DESCRIPTION	PRICE
S83-0716	ADAPTOR ROD 7	10.99

ATTACHMENT ROD 1A

This attachment has a Type B male thread and is used as a bullet end / leader when attached to the female end of S83-1505 Duct Rod No.5.

Ref: I26479.



PART NO.	DESCRIPTION	PRICE
S83-0717	ATTACHMENT ROD 1A	8.24

C.SCOPE RODDING OSCILLATOR SONDE 33KHZ

This C Scope rodding adaptor is a 33KHz Duct Sonde which is battery operated and just 24mm in diameter. It screws onto either Duct Rod No.1 or No.2 via a Duct Adaptor 2A (S83-0712). This allows the route of the duct to be traced using a Cat Style Locator.



PART NO.	DESCRIPTION	PRICE
S83-2058	C.SCOPE RODDING OSCILLATOR SONDE 33KHZ	339.90

PLIERS ROD SWEEP

For assembling and disassembling Duct Rods No.1, No.2 and No.5 and accessories. Jaw opening: 10mm. Wwidth: 30mm. Length: 190mm. Weight: 0.19kg.

Ref: I26730.



PART NO.	DESCRIPTION	PRICE
S83-2676	PLIERS ROD SWEEP	33.26

ATTACHMENT ROD 2A

This attachment has Type B female 'Lockfast' thread and is used as a bullet end or leader when attached to the male end of S83-1505 Duct Rod No 5. The attachment is 73mm in length with a diameter of 13mm.
Ref: I26480.



PART NO.	DESCRIPTION	PRICE
S83-0718	ATTACHMENT ROD 2A	9.86

ATTACHMENT ROD 3A

This attachment has a Type B male thread and is a flexi spring end complete with a bullet end / leader when attached to the female end of S83-1505 Rod Duct No.5.
Ref: I26973.



PART NO.	DESCRIPTION	PRICE
S83-0719	ATTACHMENT ROD 3A	7.81

ATTACHMENT ROD 4A

This attachment has a Type C female thread and is used as a bullet end or leader. To use with S83-1446 Duct Rod No.1 or S83-0711 Duct Rod No.2 requires either: S83-0713 Adaptor Rod 3A, S83-0712 Adaptor Rod 2A, S83-0715 Adaptor Rod 5.

To use with S83-0776 Duct Rod No.3 Continuous 250m requires: S83-0778 Coupling Rod Duct 3 Male Swivel, S83-0779 Coupling Rod Duct 3 Male.
Ref: I26382.



PART NO.	DESCRIPTION	PRICE
S13-0720	ATTACHMENT ROD 4A	2.99

COUPLING ROD DUCT 3 MALE

This coupling has a Type D male thread for attachment to a bare S83-0776 Duct Rod No 3 and a Type C male thread for connection to other Type C female thread couplers and attachments such as:

S83-0720 Attachment Rod 4A
S83-0777 Coupling Rod Duct 3 Female
S83-0714 Adaptor Rod 1A
S83-0721 Coupling Up Piece No.1 Small
S83-0722 Coupling Up Piece No.2 Medium
Ref: I26393.



PART NO.	DESCRIPTION	PRICE
S83-0779	COUPLING ROD DUCT 3 MALE	5.46

COUPLING ROD DUCT 3 FEMALE

For repair of S83-0776 Duct Rod No.3 Continuous, this item can be used in combination with S83-0778 Coupling Rod Duct 3 Male Swivel or S83-0779 Coupling Rod Duct 3 Male.

This coupling has Type D male thread for attachment to a bare S83-0776 Duct Rod No.3 Continuous and a Type C female thread for connection to other Type C male thread couplers and attachments such as: S83-0715 Adaptor Rod 5, S83-0778 Coupling Rod Duct 3 Male Swivel, S83-0779 Coupling Rod Duct 3 Male, S83-0712 Adaptor Rod 2A, S83-0713 Adaptor Rod 3A.
Ref: I26394.



PART NO.	DESCRIPTION	PRICE
S83-0777	COUPLING ROD DUCT 3 FEMALE	10.80

COUPLING UP PIECE NO 1 (SMALL)

The No.1 (Small) Lockfast Marringing Set has a Type C female thread at each end. It is designed to connect or 'marry' duct rods in congested or smaller ducts. Dimensions: 34.5mm x 165mm.



PART NO.	DESCRIPTION	PRICE
S13-0721	COUPLING UP PIECE NO 1 (SMALL)	48.50

COUPLING ROD DUCT 3 MALE SWIVEL

For repair of S83-0776 Duct Rod No.3 Continuous, this item can be used in combination with S83-0777 Coupling Rod Duct 3 Female.

This coupling has a Type D male thread for attachment to a bare S83-0776 Duct Rod No 3 and a swivel Type C male thread for connection to other Type C female thread couplers and attachments such as: S83-0720 Attachment Rod 4A, S83-0777 Coupling Rod Duct 3 Female, S83-0714 Adaptor Rod 1A, S83-0721 Coupling Up Piece No.1 Small, S83-0722 Coupling Up Piece No.2 Medium.
Ref: I26393.



PART NO.	DESCRIPTION	PRICE
S83-0778	ROD DUCT 3 MALE SWIVEL	10.10

COUPLING UP PIECE NO 2 (MEDIUM)

The No.2 (Medium) Lockfast Marringing Set has a Type C female thread at each end. It is designed to connect or 'marry' duct rods whilst in the duct. Dimensions: 47.5mm x 165mm.



PART NO.	DESCRIPTION	PRICE
S13-0722	COUPLING UP PIECE NO 2 (MEDIUM)	53.50

RODS CONTINUOUS (COBRAS)

Cobra rods represent a faster and more economic solution to screw together duct rods and are available in standard diameters from 4.5mm to 14mm and range of lengths to suit most applications.

The conduit rods are supplied in robust zinc plated steel frames and utilise a high quality reinforced fibreglass rod with high tensile strength ensuring on-going reliability and performance. 4.5mm and 6mm units are free standing whilst the heavier 9mm, 11mm and 14mm units are supplied with wheels for mobility and ease of use.

For rod and frame, or replacement rods sizes 9mm and above, the below prices include standard delivery to mainland U.K. (excludes Scottish Highlands).

PART NO.	DESCRIPTION	PRICE
S00-7714	4.5MM X 60M ROD AND FRAME 6KG	139.56
S00-7750	4.5MM X 60M REPLACEMENT ROD 2KG	71.99
S00-3062	4.5MM X 80M ROD AND FRAME 8KG	145.00
S00-3585	4.5MM X 80M REPLACEMENT ROD 3KG	84.09
S00-1358	6MM X 60M ROD & FRAME 10KG	142.67
S00-1368	6MM X 60M REPLACEMENT ROD 1KG	77.20
S00-3063	4.5MM X 100M ROD AND FRAME 9.5KG	151.00
S00-3586	4.5MM X 100M REPLACEMENT ROD 4KG	91.72
S00-3590	6MM X 100M ROD & FRAME 12KG	153.87
S00-3591	6MM X 100M REPLACEMENT ROD 3KG	91.76
S00-3290	6MM X 120M ROD AND FRAME 12KG	164.59
S00-3291	6MM X 120M REPLACEMENT ROD 3KG	108.61
S00-3292	6MM X 150M ROD AND FRAME 13KG	191.01
S00-3293	6MM X 150M REPLACEMENT ROD 4KG	128.84
S00-3294	9MM X 100M ROD AND FRAME 30KG	331.01
S00-3295	9MM X 100M REPLACEMENT ROD 9KG	191.01
S00-1352	9MM X 120M ROD & FRAME 32KG	347.86
S00-1369	9MM X 120M REPLACEMENT ROD 11KG	214.90
S00-1370	9MM X 150M ROD & FRAME 35KG	346.67
S00-1371	9MM X 150M REPLACEMENT ROD 14KG	225.00
S00-3296	9MM X 200M ROD AND FRAME 40KG	426.82
S00-3297	9MM X 200M REPLACEMENT ROD 18KG	300.67
S00-3298	11MM X 100M ROD AND FRAME 39KG	394.68
S00-3299	11MM X 100M REPLACEMENT ROD 16KG	235.50
S00-3300	11MM X 150M ROD AND FRAME 47KG	452.27
S00-3301	11MM X 150M REPLACEMENT ROD 24KG	302.91
S00-1355	11MM X 200M ROD & FRAME 54KG	542.98
S00-1372	11MM X 200M REPLACEMENT ROD 31KG	390.94
S00-1356	11MM X 250M ROD & FRAME 61KG	550.00
S00-1373	11MM X 250M REPLACEMENT ROD 38KG	469.59
S00-3302	11MM X 300M ROD AND FRAME 69KG	728.02
S00-3303	11MM X 300M REPLACEMENT ROD 46KG	514.54
S00-7604	11MM X 350M ROD AND FRAME	821.15
S00-7608	11MM X 350M REPLACEMENT ROD	632.46
S00-3304	14MM X 150M ROD AND FRAME 65KG	743.00
S00-3305	14MM X 150M REPLACEMENT ROD 33KG	615.34
S00-3306	14MM X 200M ROD AND FRAME 77KG	809.79
S00-3307	14MM X 200M REPLACEMENT ROD 45KG	719.96
S00-3308	14MM X 250M ROD AND FRAME 87KG	929.55
S00-3309	14MM X 250M REPLACEMENT ROD 55KG	855.36
S00-3310	14MM X 300M ROD AND FRAME 99KG	1,094.09
S00-3311	14MM X 300M REPLACEMENT ROD 67KG	957.70
S00-3312	14MM X 350M ROD AND FRAME 111KG	1,176.42
S00-3313	14MM X 350M REPLACEMENT ROD 79KG	1,047.54
S00-7605	14MM X 400M ROD AND FRAME	1,348.90
S00-7609	14MM X 400M REPLACEMENT ROD	1,336.32
S00-7606	14MM X 450M ROD AND FRAME	1,491.51
S00-7610	14MM X 450M REPLACEMENT ROD	1,450.61
S00-7607	14MM X 500M ROD AND FRAME	1,624.23
S00-7611	14MM X 500M REPLACEMENT ROD	1,570.95



MILLS COBRA ACCESSORY KITS 4.5MM AND 6MM

Comprehensive accessory kit for

4.5mm or 6mm cobra frames comprising:

- End Fitting
- Joint Coupler
- Bullet End
- Spring End Attachment
- Bullet End with Shackle
- Roller End Attachment
- R00-3505 Engineering Adhesive 3ml

Now supplied in B99-1832 Mills Storage Pouch.



PART NO.	DESCRIPTION	PRICE
S00-7666	A) COBRA ACCESSORY KIT 4.5MM	44.28
S00-7667	B) COBRA ACCESSORY KIT 6MM	46.34

MILLS COBRA ACCESSORY KITS 9MM, 11MM AND 14MM

Comprehensive accessory kit for 9mm, 11mm and 14mm cobra frames comprising:

- End Fitting
- Joint Coupler
- Bullet End
- Flexi End 6mm
- Spring End Attachment
- Bullet End with Shackle
- Roller End Attachment
- Ball Attachment 40mm
- R00-3505 Engineering Adhesive 3ml

Now supplied in B99-1832 Mills Storage Pouch.



PART NO.	DESCRIPTION	PRICE
S00-7668	A) COBRA ACCESSORY KIT 9MM	90.63
S00-7669	B) COBRA ACCESSORY KIT 11MM	91.66
S00-7670	C) COBRA ACCESSORY KIT 14MM	92.69

DUCT ROD PUSHER KIT

Duct Rod Pusher is designed to assist in pushing and pulling continuous duct rod normally of 14mm diameter distances typically of upto 300m. The pusher is fitted with a tilting extendable boom, and chamber clamp for use in underground structures and is supplied complete with hydraulic unit and 14mm x 300m cobra.



PART NO.	DESCRIPTION	PRICE
S83-2343	DUCT ROD PUSHER KIT	POA

A) RADIODETECTION SPX S18 SONDE ADAPTOR ROD DUCT I

Adaptor to join the Radiodetection SPX S18 Sonde to Rods Duct I. Also available as a spring assisted version for flexibility.

**B) RADIODETECTION SPX S18 SONDE ADAPTOR ROD DUCT I SPRING LOADED**

Adaptor to join the Radiodetection SPX S18 Sonde to Rods Duct I. Spring assisted for flexibility.

**C) RADIODETECTION SPX S18 SONDE 33KHZ**

A battery operated transmitter used to indicate its position after being inserted into underground ducts, drains or sewers. Typically attached to ducting rods for insertion and then located using a CAT locator. Depth 3.5m

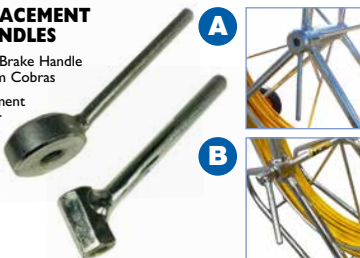


PART NO.	DESCRIPTION	PRICE
S83-2670	A) RADIODETECTION SPX S18 SONDE ADAPTOR ROD DUCT I	35.71
S83-2671	B) RADIODETECTION SPX S18 SONDE ADAPTOR ROD DUCT I SPRING LOADED	82.80
S83-2669	C) RADIODETECTION SPX S18 SONDE 33KHZ	414.00

MILLS REPLACEMENT BRAKE HANDLES

A) Replacement Brake Handle for 9, 11 & 14mm Cobras

B) Mills Replacement Brake Handle for 4.5 and 6mm Cobras



PART NO.	DESCRIPTION	PRICE
S00-0429	A) REPLACEMENT BRAKE HANDLE FOR 9, 11 & 14MM COBRAS	21.45
S00-0424	B) REPLACEMENT BRAKE HANDLE FOR 4.5 AND 6MM COBRAS	12.88

MILLS SWIVEL CONNECTORS FOR 4.5, 6, 9, 11 AND 14MM COBRA RODS

For long runs, this accessory enables two cobras to be screwed and coupled together.

Available for 4.5, 6, 9, 11 & 14MM Cobra Rods.



PART NO.	DESCRIPTION	PRICE
S13-0668	SWIVEL CONNECTOR FOR 4.5MM & 6MM COBRA RODS	9.22
S13-0582	SWIVEL CONNECTOR FOR 9MM, 11MM & 14MM COBRA RODS	16.82

END FITTINGS

Male threaded brass rod end connector supplied as standard at both ends of all rods.

Does not include adhesive.



PART NO.	DESCRIPTION	PRICE
S13-7715	4.5MM END FITTING	4.97
S13-1374	6MM END FITTING	5.14
S13-1375	9MM END FITTING	5.36
S13-1376	11MM END FITTING	7.87
S03-5895	14MM END FITTING	9.05

JOINT COUPLERS

Connector used to repair broken rods. Requires the use of adhesive (not included).

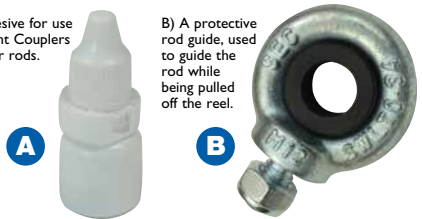


PART NO.	DESCRIPTION	PRICE
S00-7716	4.5MM JOINT COUPLER	7.21
S13-1377	6MM JOINT COUPLER	7.54
S13-1378	9MM JOINT COUPLER	10.10
S13-1379	11MM JOINT COUPLER	11.47
S03-4759	14MM JOINT COUPLER	12.33

ADHESIVE & REPLACEMENT EYES

A) Adhesive for use with Joint Couplers to repair rods.

B) A protective rod guide, used to guide the rod while being pulled off the reel.



PART NO.	DESCRIPTION	PRICE
R00-3505	A) 3ML ADHESIVE	5.62
S00-4263	B) REPLACEMENT EYES FOR 9, 11 & 14MM RODS	11.01

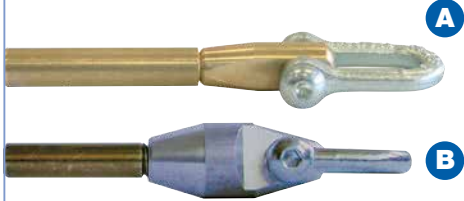
MILLS BULLET END FOR COBRA RODS

Threaded tip which guides the rod through the duct, the eye allows a pulling rope to be attached to the rod.



PART NO.	DESCRIPTION	PRICE
S13-1380	A) 4.5/6MM BULLET END	9.79
S13-1381	B) 9/11/14MM BULLET END	10.88
S13-1957	C) MILLS SLIM BULLET END FOR 9MM 11MM & 14MM COBRA RODS	9.95

MILLS SHACKLE ATTACHMENT FOR 4.5MM - 14MM COBRA RODS



PART NO.	DESCRIPTION	PRICE
S03-6605	A) BULLET END WITH SHACKLE FOR 4.5 & 6MM RODS	10.25
S03-6607	B) BULLET END WITH SHACKLE FOR 9, 11 & 14MM RODS	13.34

MILLS FLEXI END FOR 9MM, 11MM & 14MM COBRA RODS

A 60cm length of 6mm rod with pulling eye, used to assist conduit rods around bends, suitable for 9mm, 11 and 14mm cobras.



PART NO.	DESCRIPTION	PRICE
S00-1382	FLEXI END	29.10

MILLS SPRING END ATTACHMENT FOR 4.5MM - 14MM COBRA RODS

A) Spring End Attachment for 4.5/6mm Cobra rods.



PART NO.	DESCRIPTION	PRICE
S03-6604	A) SPRING END ATTACHMENT FOR 4.5 & 6MM RODS	5.10
S13-3068	B) SPRING END ATTACHMENT FOR 9/11/14MM RODS	15.64

BALL END & U-SHACKLE

A) 40mm ball end attachment for 9, 11 & 14mm rods.



B) U-shackle: smooth to prevent snagging and cable damage for use with S13-1381 bullet end.

PART NO.	DESCRIPTION	PRICE
S13-3067	A) 40MM BALL ATTACHMENT FOR 9, 11 & 14MM	4.65
S00-8170	B) U-SHACKLE	13.47

MILLS WHEEL ATTACHMENT FOR 4.5MM - 14MM COBRA RODS

A) Wheel Attachment for 4.5/6mm Rods.

B) Wheel Attachment for 9, 11, and 14mm Rods.



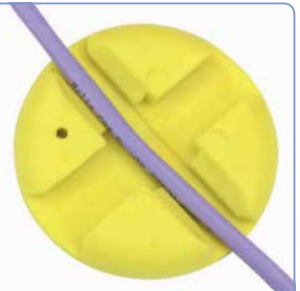
PART NO.	DESCRIPTION	PRICE
S03-6606	A) ROLLER END FOR 4.5 & 6MM RODS	10.25
S03-6608	B) ROLLER END FOR 9, 11 & 14MM RODS	11.28

CAT AND GENNYS
SEE PAGES 460-461



MILLS PULL PUCK

An essential aid for providing extra grip, when pulling and pushing most cable up to a diameter of 16mm. Manufactured from a high visibility yellow rubberised material, and at just 76mm diameter the Mills cable pulling puck fits into the palm of your hand.



PART NO.	DESCRIPTION	PRICE
S00-6417	MILLS PULL PUCK	3.21

DUCT REPAIR KIT 3A

For repairing Ducts 54, 54D and 55 (96mm Outside Diameter).
Comprises: Duct Split Inserts, Duct Liners and Straps Cable Fixing 10A.
Ref: 095051.



PART NO.	DESCRIPTION	PRICE
S83-2776	DUCT REPAIR KIT 3A GREY	18.49

SPLIT DUCT 54D GREY

Rigid PVC tongue and grooved ducts split in half used for repairing Duct 54D.
Dimensions: 96.5mm x 3 metres.
Ref: 095039.



PART NO.	DESCRIPTION	PRICE
S83-1784	SPLIT DUCT 54D GREY	41.15

GLAND CAULKING**A) Gland Caulking 2:**

Used for the sealing of Duct 54D in combination with Disc Caulking 1 and Compound 16A.
Ref: 094922.

**B) Gland Caulking 3:**

Used for the sealing of Duct 56 in combination with Disc Caulking 4 and Compound 16A.
Ref: 095047.



PART NO.	DESCRIPTION	PRICE
S83-3330	A) GLAND CAULKING 2	22.15
S83-3331	B) GLAND CAULKING 3	6.13

DISCS CAULKING

Used with Glands Caulking and Compound 16A. Each gland requires two discs.

A) S83-3332

92mm disc, used with gland caulking No2 (S83-3330).
Ref: 091445.

B) S83-1830

96mm disc, used as end socket in duct 54D. Ref: 094988.

C) S83-3333

55mm disc, used with gland caulking No3 (S83-3331).
Ref: 095048.

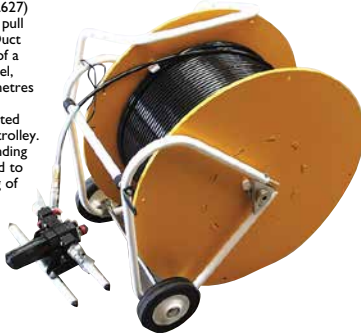


PART NO.	DESCRIPTION	PRICE
S83-3332	A) DISC CAULKING NO1	4.07
S83-1830	B) DISC CAULKING NO2	4.07
S83-3333	C) DISC CAULKING NO4	1.52

REEL HOSE 6

The Reel Hose 6 is used to drive the Duct Motor 2B (S83-2627) to pneumatically pull drawrope into Duct 54 and consists of a portable hose reel, containing 300 metres of Hose, with lubricator, mounted on a 2 wheeled trolley. A removable winding handle is supplied to enable rewinding of the hose.

Ref: 078525.



PART NO.	DESCRIPTION	PRICE
S83-2691	REEL HOSE 6	1,637.60

A) DUCT MOTOR 2B

The Duct Motor 2B is designed to pull drawrope into Duct 54 and consists of a double acting pneumatic ram with an inflatable plastic bag at each end. Internal valves cause the ram to extend and contract and the bags No 4 (S83-0867) to inflate and deflate. It is used with a Reel Hose No6 (S83-2691) and Compressor delivering 200 litre/min at 10 Bar.

Ref: 141717.

**B) BAG GRIP NO 4 MEDIUM**

Replacement bags for use with Duct Motor 2B for use in Duct 54.

Ref: 211575.



PART NO.	DESCRIPTION	PRICE
S83-2627	A) DUCT MOTOR 2B	872.65
S83-0867	B) BAG GRIP NO. 4 MEDIUM	17.80

LINK CABLING NO.1

An 8mm diameter steel link used to attach Rope Cabling 1 to cabling grips. Also used to join two lengths of Rope Cabling 1 together.

Ref: I26421.



PART NO.	DESCRIPTION	PRICE
S83-2662	LINK CABLING NO.1	5.54

LINK CABLING NO.2

A 10mm diameter steel link used to attach Rope Cabling 4 to cabling grips. Also used to join two lengths of Rope Cabling 4 together.

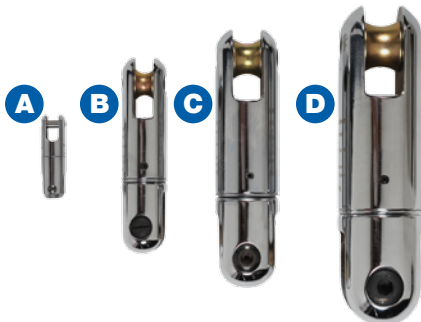


PART NO.	DESCRIPTION	PRICE
S83-2663	LINK CABLING NO.2	7.09

ANTI-TORSION SWIVEL JOINTS

Anti-torsion swivel joint suitable for joining both steel and synthetic pliot and pulling ropes, with pulling socks (Grips Cable). Made from chrome plated high tensile steel.

- A) 12mm diameter. Breaking strain: 850kg. The swivel will accept wires and draw ropes up to 5mm diameter. Dimensions: 12mm x 70mm.
- B) 32mm diameter. Breaking strain: 8,000kg. The swivel will accept wires and draw ropes up to 15mm diameter. Dimensions: 32mm x 120mm.
- C) 45mm diameter. Breaking strain: 18,000kg. The swivel will accept wires and draw ropes up to 19mm diameter. Dimensions: 45mm x 170mm.
- D) 60mm diameter. Breaking strain: 36,000kg. The swivel will accept wires and draw ropes up to 24mm diameter. Dimensions: 60mm x 220mm.



PART NO.	DESCRIPTION	PRICE
S03-6166	A) 12MM DIAMETER ANTI-TORSION SWIVEL	42.79
S03-4750	B) 32MM DIAMETER ANTI-TORSION SWIVEL	66.55
S03-4751	C) 45MM DIAMETER ANTI-TORSION SWIVEL	125.18
S03-4752	D) 60MM DIAMETER ANTI-TORSION SWIVEL	236.18

CONNECTOR SWIVEL NO. 1 (32MM)

For use with Grips Cable Single Eye and Rope Cabling No 4. Length 178mm. Diameter 32mm.



Ref: I12795.

PART NO.	DESCRIPTION	PRICE
S83-0937	CONNECTOR SWIVEL NO. 1 (32MM)	138.24

CONNECTOR FUSED SWIVEL 16MM

A fused swivel connector used to install fibre optic cables in duct and sub ducts. There are 4 fuses available depending on the cable manufacturers pulling specification covering 1KN (1000kg pulling force), 1.5KN (1500kg pulling force), 2.0KN (2000kg pulling force) and 3.0KN (3000kg pulling force).

This 16mm diameter fused swivel is fitted as standard with a 1.5KN fuse which will break when approximately 1500kg pulling force is applied. Suitable for general fibre optic cable pulling applications.



PART NO.	DESCRIPTION	PRICE
S83-1840	CONNECTOR FUSED SWIVEL 16MM	38.63
S83-1841	1 KN CONNECTOR SWIVEL FUSES (1000KG PULLING FORCE) PKT 10	30.85
S83-1843	1.5 KN CONNECTOR SWIVEL FUSES (1500KG PULLING FORCE) PKT 10	30.85
S83-1844	2.0 KN CONNECTOR SWIVEL FUSES (2000KG PULLING FORCE) PKT 10	30.85
S83-1845	3.0 KN CONNECTOR SWIVEL FUSES (3000KG PULLING FORCE) PKT 10	30.85

CONNECTOR FUSED SWIVEL 22MM

A fused swivel connector used to install fibre optic cables in duct and sub ducts. There are 4 fuses available depending on the cable manufacturers pulling specification covering 1KN (1000kg pulling force), 1.5KN (1500kg pulling force), 2.0KN (2000kg pulling force) and 3.0KN (3000kg pulling force)

This 22mm diameter fused swivel is fitted as standard with a 1.5KN fuse which will break when approximately 1500kg pulling force is applied. Suitable for general fibre optic cable pulling applications.

Ref: I27404



PART NO.	DESCRIPTION	PRICE
S83-1846	CONNECTOR FUSED SWIVEL 22MM	46.29
S83-1841	1 KN CONNECTOR SWIVEL FUSES (1000KG PULLING FORCE) PKT 10	30.85
S83-1843	1.5 KN CONNECTOR SWIVEL FUSES (1500KG PULLING FORCE) PKT 10	30.85
S83-1844	2.0 KN CONNECTOR SWIVEL FUSES (2000KG PULLING FORCE) PKT 10	30.85
S83-1845	3.0 KN CONNECTOR SWIVEL FUSES (3000KG PULLING FORCE) PKT 10	30.85

SUBDUCT PULLING EYE (WUD CARROT / GRIP THREADED)

Designed to install polyethylene ducting (sub duct) using a 100mm long screw-in tapered thread which will grip ducts with an inner diameter of 10 to 22mm. These 'grips threaded' have cutting edges which actually make a thread in the bore of the ducting, similar to using a tap to cut a thread in steel. To ensure a reliable grip we recommend 7 or 8 full threads of contact.

The Mills WUD Carrot has a 'Type A' male thread for direct fitting to the female end of the No1 and No2 Ferret Duct Rods (S83-1446 and S83-0711). These subduct 'pulling eyes' are manufactured from hardened steel and have been zinc plated to provide corrosion resistance.



PART NO.	DESCRIPTION	PRICE
S13-1825	SUBDUCT PULLING EYE (WUD CARROT)	41.15

SUBDUCT PULLING SLING

Three or four leg harness for pulling multiple cables or sub-ducts at the same time.



PART NO.	DESCRIPTION	PRICE
S83-4060	SUBDUCT PULLING SLING 3 LEG	59.95
S83-3180	SUBDUCT PULLING SLING 4 LEG	67.50

SUBDUCT PULLING EYE WITH CLEVIS (CARROT)

Designed to install polyethylene ducting using a screw-in tapered thread to grip the inner diameter of the duct. The pulling eyes are typically used to install inner duct inside a larger duct and are designed with cutting edges to actually cut a thread in the bore of the ducting, similar to using a tap to cut a thread in steel. This helps to ensure a reliable grip requiring just 7 or 8 full threads of contact. With clevis pin and eye to attach draw rope etc. Units are tapered, threaded and zinc plated.



PART NO.	DESCRIPTION	PRICE
S83-9322	SUBDUCT PULLING EYE WITH CLEVIS 24-29MM	41.47
S83-4867	SUBDUCT PULLING EYE WITH CLEVIS 29-37MM	66.70

MANDREL NYLON

Cylindrical polypropylene mandrels, used to clear any blockage in ducts.



PART NO.	DESCRIPTION	PRICE
S83-0730	MANDREL 43MM - 51MM DUCT	54.51
S83-0731	MANDREL 70MM - 76MM DUCT	56.67
S83-0733	MANDREL 79MM - 92MM DUCT	65.36
S83-0734	MANDREL 83MM - 95MM DUCT	84.51
S83-0735	MANDREL 95MM - 102MM DUCT	80.07

BRUSH CYLINDRICAL

A brush for clearing the bores of empty ducts of various sizes. This 57mm brush is suitable for ducts of 51mm.



PART NO.	DESCRIPTION	PRICE
S83-0724	BRUSH 57MM (51MM DUCT)	77.56
S83-0726	BRUSH 80MM (76MM DUCT)	89.69
S83-0725	BRUSH 86MM (83MM DUCT)	100.15
S83-0727	BRUSH 95MM (90-92MM DUCT)	101.58
S83-0728	BRUSH 108MM (102MM DUCT)	109.74

GRIPS CABLE - FIBRE OPTIC

A specialist cable grip for small fibre cables. Dual weave design from galvanised wire rope. Used for the installation of fibre optic cables for either overhead or underground applications. Made of galvanised steel.

These cable socks have built in fuses which will break at a predetermined force.

Part Number	Cable Size	Break Load	Sock Length
S83-1790	2.5-5.6mm	431Kg	455mm
S83-1791	5.6-9.2mm	748Kg	748mm

PART NO.	DESCRIPTION	PRICE
S83-1790	FIBRE OPTIC CABLE GRIP 2.5-5.6MM. 455MM LENGTH. BREAKING LOAD 431 KG	40.84
S83-1791	FIBRE OPTIC CABLE GRIP 5.6-9.2MM. 560MM LENGTH. BREAKING LOAD 748 KG	43.00



GRIPS CABLE SINGLE EYE CLOSED

Consists of wire mesh tube with one pulling eye at one end. These grips are placed over the end of the cable, allowing the drawing in or recovery of cables.

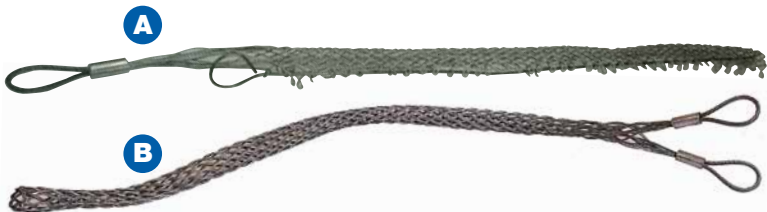


- S00-7555 Ref: 126376.
- S00-7556 Ref: 126377.
- S00-7557 Ref: 126378.
- S00-7558 Ref: 126379.
- S00-3189 Ref: 126380.
- S00-3190 Ref: 126381.

PART NO.	DESCRIPTION	PRICE
S00-7555	GRIP CABLE SINGLE EYE CLOSED 1/4" FOR 6-13MM CABLE	8.28
S00-7556	GRIP CABLE SINGLE EYE CLOSED 1/2" FOR 13-19MM CABLE	10.26
S00-7557	GRIP CABLE SINGLE EYE CLOSED 3/4" FOR 19-25MM CABLE	12.11
S00-7558	GRIP CABLE SINGLE EYE CLOSED 1" FOR 25-38MM CABLE	13.59
S83-3543	GRIP CABLE SINGLE EYE CLOSED 1 1/2" FOR 38-51MM CABLE	18.87
S83-3189	GRIP CABLE SINGLE EYE CLOSED 2" FOR 51-63MM CABLE	23.71
S83-3190	GRIP CABLE SINGLE EYE CLOSED 2 1/2" FOR 63-76MM CABLE	25.49

GRIPS CABLE FLEETING

These fleeting eye cable grips allow the cable to pass fully through them (providing there is no end termination of oversized fittings on it). They can then be positioned anywhere on the cable itself. Common usages include as cable supports, taking up slack in a cable that has already been pulled or for removing underground cables. Available in 4 sizes from 25mm to 76mm.



- S83-3192 Ref: 126368.
- S83-3193 Ref: 126369.
- S83-3194 Ref: 126370.
- S83-3195 Ref: 126371.
- S83-0883 Ref: 126372.
- S83-0882 Ref: 126373.
- S83-3196 Ref: 126374.
- S83-0880 Ref: 126375.

PART NO.	DESCRIPTION	PRICE
S83-3192	A) GRIP FLEETING SINGLE EYE SPLIT 1" FOR 25-38MM CABLE	65.17
S83-3193	A) GRIP FLEETING SINGLE EYE SPLIT 1 1/2" FOR 38-51MM CABLE	65.17
S83-3194	A) GRIP FLEETING SINGLE EYE SPLIT 2" FOR 51-63MM CABLE	66.29
S83-3195	A) GRIP FLEETING SINGLE EYE SPLIT 2 1/2" FOR 63-76MM CABLE	66.29
S83-0883	B) GRIP FLEETING DOUBLE EYE OPEN 1" FOR 25-38MM CABLE	24.17
S83-0882	B) GRIP FLEETING DOUBLE EYE OPEN 1 1/2" FOR 38-51MM CABLE	27.52
S83-3196	B) GRIP FLEETING DOUBLE EYE OPEN 2" FOR 51-63MM CABLE	31.89
S83-0880	B) GRIP FLEETING DOUBLE EYE OPEN 2 1/2" FOR 63-76MM CABLE	35.43

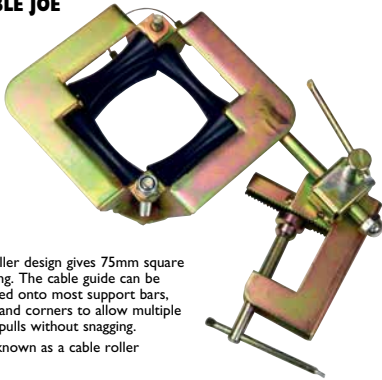
GRIPS CABLE RECOVERY

Recovery Cable Grips used to aid the recovery of underground cables, supplied in sizes according to the diameter of the cable.



- S83-2631 Ref: 126663.
- S83-2633 Ref: 126664.
- S83-2635 Ref: 126665.
- S83-2637 Ref: 126666.

PART NO.	DESCRIPTION	PRICE
S83-2631	GRIP CABLE RECOVERY 1 (BT SPEC) FOR 31-44MM CABLE	112.66
S83-2633	GRIP CABLE RECOVERY 2 (BT SPEC) FOR 44-57MM CABLE	112.66
S83-2635	GRIP CABLE RECOVERY 3 (BT SPEC) FOR 57-70MM CABLE	118.24
S83-2637	GRIP CABLE RECOVERY 4 (BT SPEC) FOR 70-82MM CABLE	124.84
S83-2630	GRIP CABLE RECOVERY 1 (STD SPEC) FOR 31-44MM CABLE	67.77
S83-2632	GRIP CABLE RECOVERY 2 (STD SPEC) FOR 44-57MM CABLE	72.62
S83-2634	GRIP CABLE RECOVERY 3 (STD SPEC) FOR 57-70MM CABLE	76.07
S83-2636	GRIP CABLE RECOVERY 4 (STD SPEC) FOR 70-82MM CABLE	78.00

CABLE JOE

Six roller design gives 75mm square opening. The cable guide can be clamped onto most support bars, joists and corners to allow multiple cable pulls without snagging. Also known as a cable roller

PART NO.	DESCRIPTION	PRICE
S00-5229	CABLE JOE	145.57

BELLMOUTHS

Used to prevent damage when drawing cable into ducts. Consists of a two part tubular sleeve which is assembled around the cable whilst in situ.

No.1 Split Bellmouth

For use on 83mm ducting.

No. 2 Split Bellmouth

For use on 90/92mm ducting.



PART NO.	DESCRIPTION	PRICE
S00-1240	NO.1 SPLIT BELLMOUTH	29.50
S00-1241	NO. 2 SPLIT BELLMOUTH	32.50

GUIDE CABLING 17A

Used to guide standard cabling ropes and steel wire in or out of duct mouths.

Ref: I27259.



PART NO.	DESCRIPTION	PRICE
S13-1238	GUIDE CABLING 17A	62.50

ROLLER ROPE GUIDING SURFACE

Used to guide draw ropes and cabling ropes out of joint boxes avoiding fraying to the rope. The unit comprises an aluminium roller mounted on a steel frame.

Height: 150mm.

Width: 152mm.

Length: 254mm.

Weight: 4kgs.

Ref: I22690.



PART NO.	DESCRIPTION	PRICE
S13-1237	ROLLER ROPE GUIDING SURFACE	31.00

GUIDE CABLING NO.1

Used to draw cable straight into the duct, duct sizes 89 and 92mm.

Ref: I26400.



PART NO.	DESCRIPTION	PRICE
S83-0770	GUIDE CABLING NO.1	116.55

GUIDE CABLING NO.2

Used to draw cable into the duct at an angle, the angular deviation to be no more than 30 degrees.

Ref: I26401.



PART NO.	DESCRIPTION	PRICE
S83-0771	GUIDE CABLING NO.2	152.69

STRAIGHT CABLE ROLLER GUIDE

A compact cable roller for use in narrow trenches and confined areas. The unit consists of a heavy duty frame and galvanised steel roller which tapers from 110mm to 75mm and has a width of 170mm.



The footprint of the stand is 300mm x 240mm x 250mm.

Weight: 4.1kg.

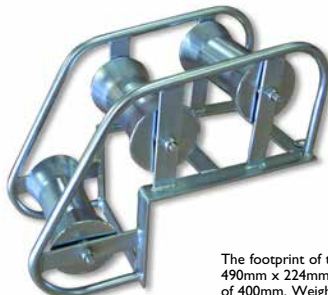
Dimensions: 300 x 240 x 250mm.

PART NO.	DESCRIPTION	PRICE
S03-6611	STRAIGHT CABLE ROLLER GUIDE	26.12

CURVED MANHOLE LEAD CABLE GUIDE

A heavy duty cable roller for placing at the leading edge of the manhole or pit entrance.

The unit consist of three galvanised steel rollers which taper from 107mm to 79mm and have a width of 185mm.



The footprint of the stand is 490mm x 224mm with a height of 400mm. Weight: 9kg.

PART NO.	DESCRIPTION	PRICE
S03-4755	CURVED MANHOLE LEAD CABLE GUIDE	114.09

CORNER CABLE ROLLER GUIDE

A heavy duty cable roller for pulling the heaviest cables around difficult corners. The unit consists of a heavy duty frame with two vertical and one horizontal galvanised steel rollers which taper from 110mm to 75mm and have a width of 185mm.

The footprint of the stand is: 550mm x 340mm x 370mm.

Weight: 14kg.

Corner cable rolling guides can be linked together with stake pins provided to form a continuous corner roller system.



PART NO.	DESCRIPTION	PRICE
S03-6612	CORNER CABLE ROLLER GUIDE	82.35

SWIVELLING EDGE ROLLER NO.1

A heavy duty cable roller designed to provide an even pull at the corner of the manhole allowing the roller to swivel in the direction of the pull.

The unit swivels to the direction of the pull. It has a galvanised steel roller which tapers from 107 to 79mm and has a width of 127mm.



The footprint of the stand is 300mm x 245mm with a height of 150mm.

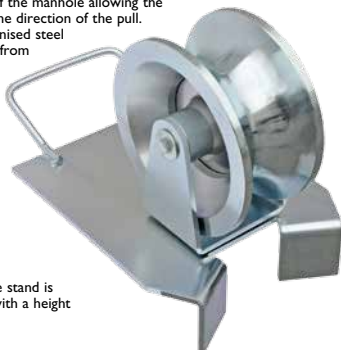
Weight: 6kg.

PART NO.	DESCRIPTION	PRICE
S03-4754	SWIVELLING EDGE ROLLER NO.1	81.61

SWIVELLING EDGE ROLLER NO.2

A heavy duty cable roller designed to provide an even pull at the corner of the manhole allowing the roller to swivel in the direction of the pull.

The unit has a galvanised steel roller which tapers from 130 to 90mm and has a width of 75mm.



The footprint of the stand is 300mm x 220mm with a height of 245mm.

Weight: 6kg.

PART NO.	DESCRIPTION	PRICE
S03-4753	SWIVELLING EDGE ROLLER NO.2	129.46

EASY LUBE STEEL BELL MOUTH

A steel bell mouth with integral lubricating ring to suit ducts of 76-89mm.

The 'Easy Lube' bell mouth connects to the Pump Lubricant 2a (S83-0709) which allows lubricant to be dispensed in a controlled manor onto the cable via the lubricant ring. Available in two sizes to suit ducts of 76-89mm and 90-97mm.



PART NO.	DESCRIPTION	PRICE
S83-1847	EASY LUBE STEEL BELL MOUTH TO SUIT 76-89MM	113.25
S83-1848	EASY LUBE STEEL BELL MOUTH TO SUIT 90-97MM	118.40

GUIDE ROD FLEXIBLE 3

A dual purpose flexible steel tube 2.9m length with a 38mm diameter bore, used to guide Rods Duct 3 to and from a rodding machine to the duct mouth. Used with Clamp Guide 2A to secure in a joint box and Guide Rod Flexible 4 and Clamp 13A to extend length.

Ref: I26772.



PART NO.	DESCRIPTION	PRICE
S83-0987	GUIDE ROD FLEXIBLE 3	175.05

GUIDE ROD FLEXIBLE 4

A flexible steel tube 2.9m long with a 38mm diameter bore, used with Clamp 13A to extend the length of Guide Rod Flexible 3.

Ref: I26704.

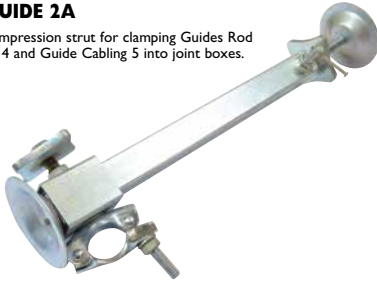


PART NO.	DESCRIPTION	PRICE
S83-2646	GUIDE ROD FLEXIBLE 4	230.00

CLAMP GUIDE 2A

Extendible compression strut for clamping Guides Rod flexible 3 and 4 and Guide Cabling 5 into joint boxes.

Ref: I26481.



PART NO.	DESCRIPTION	PRICE
S83-0767	CLAMP GUIDE 2A	47.50

CABLE WINCHES

SEE PAGE 223

**SHACKLE NO.1**

Large bow shaped shackle with a pin diameter 1", used for general purpose lifting & pulling, SWL 2 tons.

Ref: I16381.



PART NO.	DESCRIPTION	PRICE
S83-3200	SHACKLE NO.1	

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SHACKLE NO.2

Large bow shaped shackle with a pin diameter 1 3/8", used for general purpose lifting & pulling, SWL 4 tons.

Ref: I16382.



PART NO.	DESCRIPTION	PRICE
S83-3201	SHACKLE NO.2	

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FIBRE BLOWING MACHINES

AVAILABLE FOR SALE OR HIRE



Call our sales dept for further details on **0208 833 2626**

ROPE CABLING NO. 1

Pre-stretched cabling rope, used on self tailing winch systems. Not to be used on hand tailed winches.

10mm diameter x 250m in length.

BT spec: MA300C
Construction: 3 strand, pre stretched.
Nominal Diameter: 10mm
MBL: 20.6kN (2100kg)
Material: Polyester
Ref: I26405.



PART NO.	DESCRIPTION	PRICE
S83-0786	ROPE CABLING NO. 1	366.25

DRAWROPE NO. 1

500m drum of 6mm diameter drawrope.

The drawrope is used for underground cabling operations.

It is usually placed in an empty duct when the duct is laid and stays there for a long time until being used to pull a cable through.



PART NO.	DESCRIPTION	PRICE
S00-1739	DRAWROPE NO. 1	24.95

ROPE CABLING NO.4

Low stretch rope with an eye splice at each end, used for underground cabling work.

BT spec: MA301A

Construction: 3 strand para-aramid core, 16 plait polyester cover, coated to protect and improve friction for use on capstan winches.

Nominal Diameter: 12mm
MBL (spliced): 58.8kN (6000kg)

S83-0785 Ref: I26975.
S83-3187 Ref: I26974.



PART NO.	DESCRIPTION	PRICE
S83-3187	ROPE CABLING NO. 4 - 100M	627.04
S83-0785	ROPE CABLING NO. 4 - 200M	1,183.06
S83-3188	ROPE CABLING NO. 4 - 500M	2,705.10

SLICK-LINE

A 6,600m drum of 8kN rope, used in sub-duct installations.

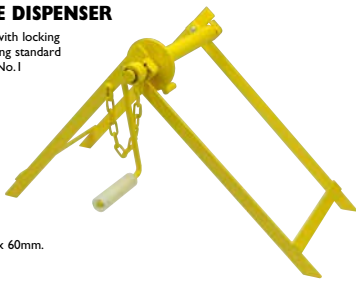


PART NO.	DESCRIPTION	PRICE
S83-2700	SLICK-LINE	1,470.84

DRAWROPE DISPENSER

A specialist stand with locking handle for dispensing standard 6mm Draw Rope No.1 from 500m reels.

Ref: I26336.



Dimensions:
530mm x 280mm x 60mm.
Weight: 4.7kg.

PART NO.	DESCRIPTION	PRICE
S13-1239	DRAWROPE DISPENSER	31.45

SPLICING FID

Used to splice ropes and cabling up to a max diameter of 14mm - overall length 175mm.



PART NO.	DESCRIPTION	PRICE
S83-0942	SPLICING FID	8.71

A) MILLS 24" CABLE A FRAME DRUM STAND DISPENSER

24 Inch Universal Cable Reel Stand - Suits drums up to 600mm diameter, 500mm width and weight of 100kg.

Dimensions:
780 x 750 x 180mm.

Weight: 10kg.



A

B) MILLS CABLE DRUM CONES FOR CABLE A FRAME

A pair of tapered cones designed to be used in conjunction with the S13-1200 Mills Cable A Frame, allowing smooth dispensing of cable from single or multiple cable drums.

The cones are tapered to accept reels with spindle bores from 25mm to 120mm.

In addition, multiple pairs of cones can be 'back to backed' to allow more than one reel to be dispensed.

The cones have quick turn toggle clamps which can be easily adjusted to accept reel widths of up to 500mm.

B



PART NO.	DESCRIPTION	PRICE
S13-1200	A) MILLS 24" CABLE A FRAME DRUM STAND DISPENSER	28.50
S13-0464	B) MILLS CABLE DRUM CONES FOR CABLE A FRAME	54.58

MILLS FIBRE BLOWING MICRODUCT LUBRICANTS

A highly concentrated cable blowing lubricant, specifically designed for use inside microducts, ideally up to an internal diameter of 12mm.

This water-based low-viscosity lubricant flows quickly and easily inside microducts, reducing friction and increasing total blowing length.

Ideal for refilling the smaller 0.25 Litre resealable container version (S27-1962). Please shake contents well before use!

- A) Contents: 250ml
B) Contents: 1 Litre



PART NO.	DESCRIPTION	PRICE
S27-1962	A) FIBRE BLOWING MICRODUCT LUBRICANT 250ML	4.07
S27-1963	B) FIBRE BLOWING MICRODUCT LUBRICANT 1 LITRE	11.59

MILLS FIBRE BLOWING SUBDUCT LUBRICANTS

A specialist cable blowing lubricant for general fibre blowing applications, as well as subduct relining.

This lubricant reduces frictional drag during the blowing of fibre optical cable into ducts, increasing the total length of cable that can be blown.

- A) Contents: 950ml
B) Contents: 3.8 Litre



PART NO.	DESCRIPTION	PRICE
S27-1960	A) FIBRE BLOWING SUBDUCT LUBRICANT 950ML	5.82
S27-1961	B) FIBRE BLOWING SUBDUCT LUBRICANT 3.8L	28.33

A) MILLS FIBRE OPTIC CABLE PULLING LUBRICANT 20L

Water-based, thin semi-gel, cable installation lubricant for fibre cable pulling operations.

Ideal for pulling both fibre optic cables and sub-ducts, eliminating up to 80% friction from the process.

Application by either sponge or a cable lubricating pump (S83-2667). **Contents: 20 Litre.**

B) PUMP LUBRICANT 2A

Pump used for applying cable lubricants.

Fits standard 20 litre drum. Supplied with 5m clear, plastic hose.

Ref: I27388.



PART NO.	DESCRIPTION	PRICE
S27-1959	A) MILLS FIBRE CABLE PULLING LUBRICANT 20 LITRE	51.45
S83-0709	B) PUMP LUBRICANT 2A	232.70

MILLS FIBRE CABLE DEGREASER 950ML

A high performance, alcohol-free cable gel solvent cleaner. Specifically developed for the safe and easy removal of cable gels and blocking compounds from fibre optic communication cables.

Removes dirt, grime, grease, tar, oil, wax, resin and gum from cables, tools, painted surfaces and equipment.

An ideal environment-friendly replacement for white spirit.

Best applied using wipes or towels.

Contents: 950ml



PART NO.	DESCRIPTION	PRICE
S27-1964	MILLS FIBRE CABLE DEGREASER 950ML	20.55

**MILLS OPTICAL FIBRE
CLEANER 950ML**

Optical Fibre Cleaner formulated for the cleaning of optical fibre and end faces.

An ideal and safer alternative to conventional IPA, that dissipates static to remove surface charges preventing surface re-contamination.

Fast-drying, water-based, non-toxic and non-flammable.

Ideal for refilling the smaller 60ml resealable container (S27-1965).

Contents: 950ml



PART NO.	DESCRIPTION	PRICE
S27-1966	MILLS OPTICAL FIBRE CLEANER 950ML	6.13

**MILLS OPTICAL FIBRE
CLEANER 60ML**

Optical Fibre Cleaner formulated for the cleaning of optical fibre and end faces.

An ideal and safer alternative to conventional IPA, that dissipates static to remove surface charges preventing surface re-contamination.

Fast-drying, water-based, non-toxic and non-flammable.

Contents: 60ml



PART NO.	DESCRIPTION	PRICE
S27-1965	MILLS OPTICAL FIBRE CLEANER 60ML	3.04

**MILLS IPA WATER
MIX 1 LITRE**

A mix of 90% Isopropyl Alcohol to 10% water for the use in cleaning fibre optic cable and connector end faces.

This solution should be decanted into a solvent dispenser (e.g. Mills C00-8296).

It should then be used in conjunction with cleaning wipes and buds for removing dirt and contamination from fibre connectors. The solution evaporates after application, leaving no residue.

WARNING!

Highly flammable, keep away from direct sun light, hot surfaces, sparks, open flames and other ignition sources. Do not expose to temperatures exceeding 50°C

Contents 1 Litre



PART NO.	DESCRIPTION	PRICE
C00-3036	MILLS IPA WATER MIX 1 LITRE	6.70

**MILLS IPA SOLVENT
SPRAY 400ML**

Universal purpose solvent cleaner. 100% Isopropyl Alcohol.

For use with cleaning wipes and buds for removing dirt and contamination from fibre connectors. The IPA evaporates after application and leaves no residue.

WARNING!

Highly flammable, keep away from direct sun light, hot surfaces, sparks, open flames and other ignition sources. Do not expose to temperatures exceeding 50°C.



PART NO.	DESCRIPTION	PRICE
C00-4827	MILLS IPA SOLVENT SPRAY 400ML	4.95

CABLE BEARER WALL TYPE

For supporting cables in manholes and joint boxes. The type numbers indicate the number of brackets which the bearings will carry.



S83-3203 Ref: 070281.
S83-1058 Ref: 070282.
S83-3204 Ref: 070283.
S83-3205 Ref: 070284.
S83-3206 Ref: 070285.
S83-3207 Ref: 070286.
S83-3208 Ref: 070287.

PART NO.	DESCRIPTION	PRICE
S83-3203	CABLE BEARER WALL TYPE 1 - 178MM	2.67
S83-1058	CABLE BEARER WALL TYPE 2 - 278MM	4.75
S83-3204	CABLE BEARER WALL TYPE 3 - 508MM	6.17
S83-3205	CABLE BEARER WALL TYPE 5 - 813MM	8.64
S83-3206	CABLE BEARER WALL TYPE 8 - 1270MM	10.56
S83-3207	CABLE BEARER WALL TYPE 10 - 1575MM	20.59
S83-3208	CABLE BEARER WALL TYPE 12 - 1880MM	28.83

BRACKET CABLE BEARER

Used with Cable Bearer Wall Type and Pins Locking. The type numbers indicate the effective length in inches.



S83-3209 Ref: 070210.
S83-3210 Ref: 070211.
S83-3211 Ref: 070212.
S83-3212 Ref: 070213.
S83-3213 Ref: 070214.
S83-3214 Ref: 070215.

PART NO.	DESCRIPTION	PRICE
S83-3209	BRACKET CABLE BEARER TYPE 3 - 150MM	2.30
S83-3210	BRACKET CABLE BEARER TYPE 5 - 170MM	2.37
S83-3211	BRACKET CABLE BEARER TYPE 8 - 250MM	4.02
S83-3212	BRACKET CABLE BEARER TYPE 12 - 343MM	4.84
S83-3213	BRACKET CABLE BEARER TYPE 18 - 495MM	8.69
S83-3214	BRACKET CABLE BEARER TYPE 24 - 648MM	11.01

STEP MANHOLE NO.1

For use in reinforced concrete or brickwork manholes.



PART NO.	DESCRIPTION	PRICE
S83-3216	STEP MANHOLE NO.1	10.09

STEP MANHOLE NO.2

Bolt-on step to replace broken or missing steps in manholes.

Bolt required: Bolt Expansion 1A.



PART NO.	DESCRIPTION	PRICE
S83-3217	STEP MANHOLE NO.2	9.66

BOLT FOUNDATION INDENTED NO.1

Iron foundation bolt for Cabinets Cross Connection.



PART NO.	DESCRIPTION	PRICE
S83-3218	BOLT FOUNDATION INDENTED NO.1	2.05

BOLT FOUNDATION INDENTED NO.2

For fixing cable bearers in new concrete and brickwork.



PART NO.	DESCRIPTION	PRICE
S83-3219	BOLT FOUNDATION INDENTED NO.2	0.52

PIN LOCKING CABLE BEARER

For fixing Brackets Cable Bearer to Cable Bearer Wall Type.
Ref: 070858.



PART NO.	DESCRIPTION	PRICE
S83-3215	PIN LOCKING CABLE BEARER	0.49

IRON ANCHOR 4

For setting in concrete walls of joint chambers to mount cable guides.
Ref: 070724.



PART NO.	DESCRIPTION	PRICE
S83-3220	IRON ANCHOR 4	10.56

A) MOBRA JUF/2 FOR SMALL BOXES WITH WIDTHS FROM 220MM TO 300MM

No-Drill MOBRA chamber mounting bracket for use with S83-0528 MOBRA Chamber Bracket Pivot Arm Medium.

S83-0529 Ref: 088199.

B) MOBRA JUF/4-6 FOR MEDIUM BOXES WITH WIDTHS FROM 410MM TO 600MM

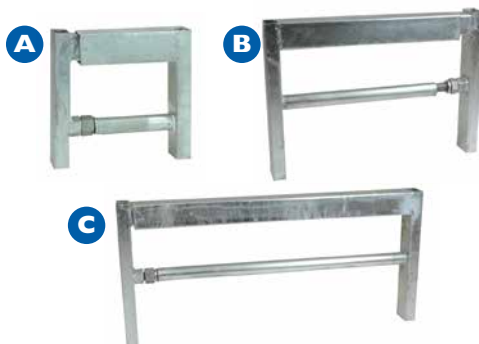
No-Drill MOBRA chamber mounting bracket for use with S83-0526 MOBRA Chamber Bracket Pivot Arm Long.

S83-0525 Ref: 066823.

C) MOBRA JUF/10 FOR LARGE BOXES WITH WIDTHS FROM 660MM TO 850MM

No-Drill MOBRA chamber mounting bracket for use with S83-0526 MOBRA Chamber Bracket Pivot Arm Long.

S83-0524 Ref: 066822.



PART NO.	DESCRIPTION	PRICE
S83-0529	A) MOBRA JUF/2 FOR SMALL BOXES	16.95
S83-0525	B) MOBRA JUF/4-6 FOR MEDIUM BOXES	16.50
S83-0524	C) MOBRA JUF/10 FOR LARGE BOXES	19.50

MOBRA ARMS**A) MOBRA Arm Short**

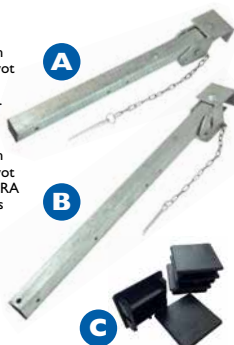
Standing Height 450mm, Closed Length 630mm. MOBRA Chamber Bracket Pivot Arm Medium for use with S83-0529 MOBRA Small Chamber Bracket JUF/2. Ref: 066827.

B) MOBRA Arm Long

Standing Height 650mm, Closed Length 820mm. MOBRA Chamber Bracket Pivot Arm Long for use with S83-0525 MOBRA JUF/4-6 For Medium Boxes with widths from 410mm to 600mm and S83-0524 MOBRA JUF/10 For Large Boxes with widths from 660mm to 850mm. Ref: 066826.

C) Replacement Square End Cap

For S83-0526 and S83-0528 standard MOBRA arms. Supplied individually. Size: 41 x 41mm.



PART NO.	DESCRIPTION	PRICE
S83-0528	A) MOBRA ARM SHORT	14.28
S83-0526	B) MOBRA ARM LONG	13.50
S83-1935	C) REPLACEMENT END CAP FOR STANDARD MOBRA ARMS	0.77

MOBRA PAIR OF MOUNTING BRACKETS FOR PLASTIC CHAMBERS

MOBRA no drill chamber mounting brackets for use with joints and termination boxes within cable chambers.

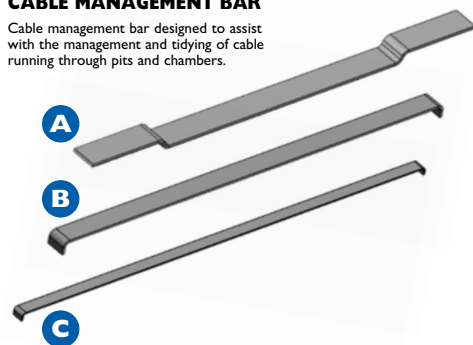
Ref: 668256.



PART NO.	DESCRIPTION	PRICE
S83-0527	MOUNTING BRACKETS FOR PLASTIC CHAMBERS	8.93

CABLE MANAGEMENT BAR

Cable management bar designed to assist with the management and tidying of cable running through pits and chambers.



PART NO.	DESCRIPTION	PRICE
S83-1488	A) CABLE MANAGEMENT BAR. LENGTH 838MM	10.88
S83-1489	B) CABLE MANAGEMENT BAR. LENGTH 1000MM	17.30
S83-1490	C) CABLE MANAGEMENT BAR. LENGTH 1980MM	29.91

JOINT SUPPORT KIT 1A

2 x 2.42m lengths of 33.55mm subduct to be used in access chambers to suspend closures and other equipment within the chamber.

- Product Diameter: 33.55mm
- Product Weight: 1.4g/m
- Metal Free: Yes
- Minimum Bend Radius: 11D
- Maximum Tensile Load: 2250N
- Product Specification: LNI66

Ref: 017807.



PART NO.	DESCRIPTION	PRICE
S00-3512	JOINT SUPPORT KIT 1A PKT 2	19.95

**A) PRYSMIAN HALF SIZE
MOBRA ARM**

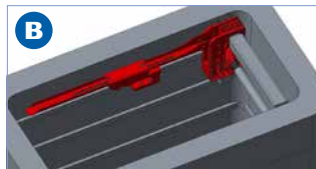
Prysmian Half Size Mobra Arm to UMJ,CMJ,MMJ Enclosure. The arm is designed to be used in JUF/2 Chambers and used with a JUF/2 Mobra Chamber Mounting Bracket (S83-0129).

Overall Length 440mm x width 60mm.

**B) PRYSMIAN FULL SIZE
MOBRA ARM**

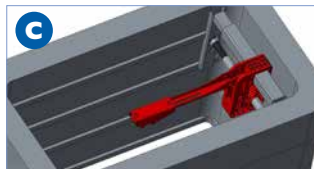
Prysmian Full Size Mobra Arm to UMJ,CMJ,MMJ Enclosure. The arm is designed to be used in JUF/4/6/10 Chambers and used with a JUF/4/6 Mobra Chamber Mounting Bracket (S83-0525) and JUF/10 Mobra Chamber Mounting Bracket (S83-0524).

Overall Length 810mm x width 60mm.

**C) PRYSMIAN LMJ
MOBRA MOUNTING KIT**

Prysmian LMJ Mobra Mounting Kit- A kit for mounting the LMJ enclosure. The arm is designed to be used in JUF/4/6/10 Chambers and used with a JUF/4/6 Mobra Chamber Mounting Bracket (S83-0525) and JUF/10 Mobra Chamber Mounting Bracket (S83-0524).

Overall Length 810mm x width 60mm.



Prysmian
Group

PART NO.	DESCRIPTION	PRICE
XJTSC03265	A) UMJ/CMJ/MMJ HALF SIZE MOUNTING BRACKET	48.93
XJTSC02405	B) UMJ/CMJ/MMJ FULL SIZE MOUNTING BRACKET	52.50
XJTSC03203	C) LMJ MOBRA MOUNTING KIT	92.65

**MOBRA MOUNTING
BRACKETS FOR
COMMSCOPE TENIO
JOINT CLOSURES**

Bracket kit for Commscope Tenio, allowing the enclosure to be fixed to a Mobra Arm (S83-0528, S83-0526) or directly to a premise wall using M6 expanding bolts (S83-1854).

Contents includes:

- Tenio Support Bracket c/w 4 Clevis Pins
- Mobra saddle Clamp with M6 Pinch Bolt
- 2 x M8 x 25mm Bolts, Washers and Nut



COMMSCOPE®

See **P86** for Tenio closures

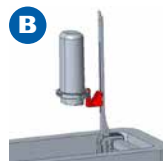
**PRYSMIAN UNIVERSAL
MOBRA MOUNTING
BRACKETS FOR PRYSMIAN
JOINT CLOSURES****A) XJTSC02953 Prysmian LMJ
Universal MOBRA Arm Mounting Kit**

A universal bracket designed to allow Prysmian LMJ enclosures to be mounted on a standard MOBRA Arm (S83-0526).

LMJ not to be used in a JUF2 chamber.

**B) XJTSC03286 Prysmian UMJ/
CMJ/MMJ Universal MOBRA Arm
Mounting Kit**

A universal bracket designed to allow Prysmian UMJ, CMJ and MMJ enclosures to be mounted on a standard MOBRA Arm (S83-0528 and S83-0526).



PART NO.	DESCRIPTION	PRICE
XJTSC02953	A) PRYSMIAN LMJ UNIVERSAL MOBRA ARM MOUNTING KIT	49.33
XJTSC03286	B) PRYSMIAN UMJ/CMJ/MMJ UNIVERSAL MOBRA ARM MOUNTING KIT	21.43

PART NO.	DESCRIPTION	PRICE
S83-2581	MOBRA MOUNTING BRACKETS FOR COMMSCOPE TENIO JOINT CLOSURES	34.95

See **P89-92** for more Prysmian products

Prysmian
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Prysmian LMJ
Large Multi-Function
Joint - Medium Cap



Prysmian CMJ
Compact
Multi-Function Joint



Prysmian MMJ
Medium
Multi-Function Joint



Prysmian UMJ
Ultra Compact
Multi-Function Joint

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CUBIS STAKKABOX™ QUAD MODULAR PREFORMED STACKABLE ACCESS CHAMBER SYSTEM

The STAKKABOX™ Quad is a range of modular and structural preformed access chambers, supplied by Cubis.

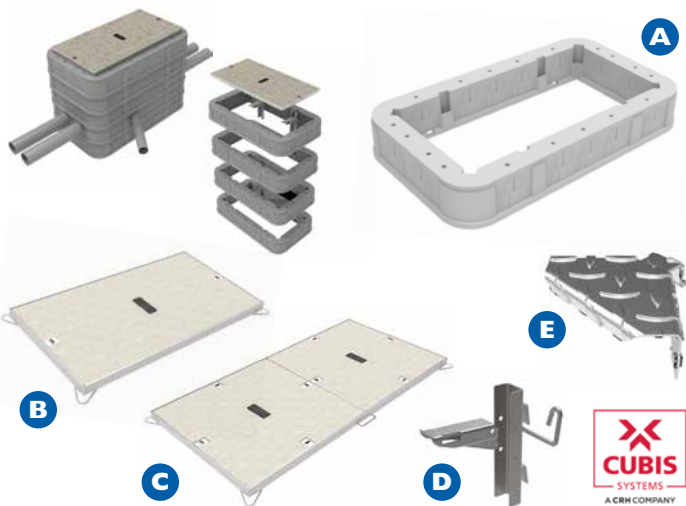
The Quad is the only modular access chamber approved for use on Openreach networks.

Chambers are built to required depth by stacking 150mm sections on top of a concrete or Type I base to build the chamber to the desired depth.

No specialist equipment or plant is required in order to install the chamber and there is no need for specialist box builders.

Cable management and steps are fitted by dropping the accessories into pre-formed pockets. These allow accessories to be retrofitted after installation without mechanical fixing.

B125 access covers fit on the top, to complete the underground network access system.



PART NO.	DESCRIPTION	PRICE
S83-0677	A) STAKKABOX QUAD RISER SECTION 915 X 445MM CLEAR OPENING 150MM DEEP JMF 104	82.40
S83-0678	A) STAKKABOX QUAD RISER SECTION 1310 X 610MM CLEAR OPENING 150MM DEEP JMF 106	127.72
S83-0681	B) FRAME & CONCRETE COVER, 915 X 445MM B125 LOADING CLASS	120.00
S83-0682	C) FRAME & CONCRETE COVER, 1310 X 610MM B125 LOADING CLASS	200.34
S83-0683	D) CABLE MANAGEMENT FURNITURE KIT FOR STAKKABOX QUAD	26.47
S83-0684	E) STAKKABOX QUAD GALVANISED DROP IN STEP	13.32

A) CUBIS STAKKABOX™ FORTRESS MODULAR & STRUCTURAL PREFORMED ACCESS CHAMBER SYSTEM

STAKKABOX™ Fortress is a range of modular and structural preformed access chambers, suitable for use in carriageway and footway environments. The Fortress system is moulded in HDPE and possesses excellent strength to weight properties.



B) CUBIS STAKKABOX™ ULTIMA FLEXIBLE ACCESS CHAMBER SYSTEM

STAKKABOX™ ULTIMA offers a flexible access chamber system with no compromise on strength. Due to the design and the material used (GRP), ULTIMA should be used anywhere where sidewall loading is a concern, such as alongside highways or railway tracks.



Ring sales for ordering guide on 0208 833 2626

JOINT BOXES

Prefabricated glass reinforced polyester joint boxes. These underground jointing enclosures offer significant advantages over the more traditional methods of forming a jointing enclosure.

Lightweight yet immensely strong and rigid having no seams or welds, they are totally rot proof and will not support microbiological growth.

Typical uses include:- Telephone connection systems, connection of lighting standards to mains, traffic light connections, underground water metre housing, cable television connections, loop connections and cable communications.

- Joint box chambers moulded from first quality glass fibre reinforced polyester moulding compounds.
- Manufactured under a system of rigidly applied quality control to ensure optimum, fully cured mouldings.
- Made to ensure trouble free installations.
- Available for installation in driveways, paths etc.
- Joint boxes cover sold separately.

Internal dimensions:

- A) Joint Box 23: 200 x 450 x 450mm deep.
B) Joint Box 26: 720 x 250 x 570mm deep.

A**B**

PART NO.	DESCRIPTION	PRICE
S83-2795	A) JOINT BOX 23	41.15
S83-2797	B) JOINT BOX 26	65.36

FRAME & COVER CARRIAGEWAYS

These are a special order item. Please contact sales for a quote.

Frame and Cover Carriageway ductile iron manhole covers and frames. Manufactured to relevant BS standard.

- A) Frame & Cover Carriageway 1: 600 x 600mm clear opening.
B) Frame & Cover Carriageway 2: 1200 x 675mm clear opening.
C) Frame & Cover Carriageway 3: 1800 x 675mm clear opening.

A**B****C**

PART NO.	DESCRIPTION	PRICE
S83-2778	A) FRAME & COVER CARRIAGEWAY 1	
S83-2779	B) FRAME & COVER CARRIAGEWAY 2	
S83-2780	C) FRAME & COVER CARRIAGEWAY 3	

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SPECIAL PRICES
OR VISIT
milstd.com

COVER JOINT BOX 23

Cast iron cover for Joint Box 23.



PART NO.	DESCRIPTION	PRICE
S83-2796	COVER JOINT BOX 23	46.81

FRAME & COVER FOOTWAY NO.2

Steel with infilled concrete cover for joint box 26.



PART NO.	DESCRIPTION	PRICE
S83-3695	FRAME & COVER FOOTWAY NO.2	114.29

GRATING SUMP 2A

Grating Sump 2A. Used in Manholes and joint boxes, this is a 250 x 250mm PVC drainage sump.

Ref: 094956.



PART NO.	DESCRIPTION	PRICE
S83-2781	GRATING SUMP 2A	5.00

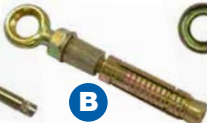
A) EYEBOLT EXPANDING 1A

A dropwire fixing consisting of a Zinc plated steel eyebolt with an M6 thread. This is the preferred method of attaching a dropwire to brickwork at end users' premises. Overhead single point fixing bolt. Ring size 12mm. Required hole size 12mm x 50mm. Box 20. Ref: 016445.



B) EYEBOLT EXPANDING 2A

A dropwire fixing consisting of a Zinc plated steel eyebolt with an M10 thread. This is the preferred method of attaching a dropwire to the end users premises, where the walls are rendered. Ring size: 14mm. Required Hole size: 16mm diameter x 95mm depth. Box 20. Ref: 016442 / 021689 / 023041.



C) M8 EYEBOLT

Eyebolt M8 x 95mm for use with Catenary Wire Kits (R02-7028) and associated accessories.

Provides temporary or permanent anchorage in stone, concrete or brickwork. Supplied with shield, washer and hex nut.



D) EYEBOLT EXPANDING 2B

A dropwire fixing consisting of a Zinc plated steel eyebolt with an M10 thread and a length of 205mm. This is the preferred method of attaching a dropwire to the end users premises, where the walls are clad. Ring size 23mm ID with 40mm OD.



E) EYEBOLT EXPANDING 2C

A dropwire fixing consisting of a Zinc plated steel eyebolt with an M10 thread and a length of 255mm. This is the preferred method of attaching a dropwire to the end users premises, where the walls are heavily clad. Ring size 23mm ID with 40mm OD.



PART NO.	DESCRIPTION	PRICE
S83-1853	A) EYEBOLT EXPANDING 1A PKT 20	10.25
S83-0901	B) EYEBOLT EXPANDING 2A PKT 20	14.30
R02-7024	C) M8 EYEBOLT (SINGLE)	3.31

PART NO.	DESCRIPTION	PRICE
S83-2626	D) EYEBOLT EXPANDING 2B (EACH)	8.19
S83-2628	E) EYEBOLT EXPANDING 2C (EACH)	9.20

A) BOLT EXPANDING 1A

Zinc plated steel stud with an M10 thread. Used in Joint boxes and manholes to fix Cable Bearers (S83-3203-S83-3208) and Steps Manhole No.2 (S83-3217). Size M10 x overall Length 85mm. Designed for use in an 12mm diameter hole Supplied in a pack of 20 Ref: 071906.



B) BOLT EXPANDING 2A

M10 x 90mm (Overall Length 105mm) expansion bolt with a 30mm diameter washer requiring a 16mm hole to be drilled into concrete or brickwork - supplied in boxes of 25. Ref: 021689.



C) STUD EXPANDING 1A

Zinc plated steel stud with an M6 thread (similar to Eyebolt Expanding 1A).

Used when securing S83-2724 Bracket 32 and S83-9215 Wall Plate 5A to brickwork. Designed for use in an 8mm diameter hole. Ref: 016303.



PART NO.	DESCRIPTION	PRICE
S83-2869	A) BOLT EXPANDING 1A PKT 20	0.47
S83-1773	B) BOLT EXPANDING 2A BOX OF 25	19.90
S83-1854	C) STUD EXPANDING 1A PKT 20	19.95

CRANKED COMBINATION SPANNERS

Combination Spanners - cranked at 20 degree to prevent knuckles from rubbing on brickwork and general masonry.

A) 10mm combination spanner for installing Bolt Expanding 1a and other 10mm hexagon headed fixings. Ref: 127468

B) 17mm combination spanner for installing Bolt Expanding 2a and other 17mm hexagon headed fixings. Ref: 129393/141751.



PART NO.	DESCRIPTION	PRICE
H72-1771	A) 10MM COMBINATION SPANNER	1.61
H72-1772	B) 17MM COMBINATION SPANNER	2.72

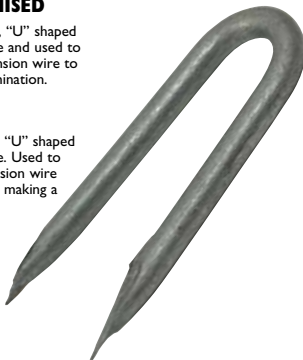
STAPLES GALVANISED

A) Galvanised steel staple, "U" shaped approximately 40mm wide and used to retain single strand suspension wire to poles when making a termination.

Ref: 16270.

B) Galvanised steel staple, "U" shaped approximately 50mm wide. Used to retain multi strand suspension wire and CAC's to poles when making a termination.

Ref: 016271.



PART NO.	DESCRIPTION	PRICE
S83-2857	A) 40MM STAPLE PK 1KG	9.00
S83-2858	B) 50MM STAPLE PK 1KG	8.28

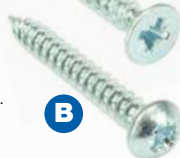
A) COUNTERSUNK POLE FIXING SCREW

Pozidrive zinc plated countersunk wood screw with twin thread profile for fast installation. Supplied in boxes of 200.



B) PANHEAD POLE FIXING SCREW

Pozidrive zinc plated panhead wood screw with twin thread profile for fast installation. Supplied in boxes of 200.



PART NO.	DESCRIPTION	PRICE
S83-0859	A) NO.12 X 1" COUNTERSUNK POZIWOOD SCREW PK 200	3.86
S83-2927	A) NO.12 X 1.1/2" COUNTERSUNK POZIWOOD SCREW PK 200	5.22
S83-2928	A) NO.12 X 2" COUNTERSUNK POZIWOOD SCREW PK 200	8.55
R02-1662	A) NO.12 X 2.1/2" COUNTERSUNK POZIWOOD SCREW PK 200	9.01
S83-1823	A) NO 12 X 3" COUNTERSUNK POZIWOOD SCREW PK 200	9.23
R07-1747	B) NO.12 X 1" PANHEAD POZIWOOD SCREW PK 200	10.22
R07-1748	B) NO.12 X 1.1/2" PANHEAD POZIWOOD SCREW PK 200	13.89
R07-1749	B) NO.12 X 2" PANHEAD POZIWOOD SCREW PK 200	14.83

FTTP CABLE ENTRY, CAPPING AND COVERS

A range of Openreach™ approved products to bring fibre cabling into the premises whether it is a domestic or commercial installation. All products are designed to prevent the damage of cables during installation through walls thereby eliminating return to site costs due to fibre breaks.



COVER 101A

Cable entry cover for running service cabling into a house or premises. For use with Capping 25 and Connector Bend No. 4.

Dimensions
105mm x 78mm x 28mm.
Ref: 071987.



PART NO.	DESCRIPTION	PRICE
S83-1775	COVER 101A	2.58

CAPPING 25

PVC Capping to protect service cabling between Connector Bend No 4 and Cover 101A.

Length 500mm.
Ref: 072180.



PART NO.	DESCRIPTION	PRICE
S83-1779	CAPPING 25	4.07

CONNECTOR BEND NO. 4

Connects Duct 102 or Duct 56 to cover 101A on Housing Estates.
Ref: 095056.



PART NO.	DESCRIPTION	PRICE
S83-2759	CONNECTOR BEND NO. 4	5.10

INTERNAL / EXTERNAL CUSTOMER LEAD IN KIT FULL

Designed to control the bend radius, protect the cable and cover the entrance holes where fibre optic cables are put through the walls of customer's premises.

Comprising:
2 x CLI.
1 x Internal Cover White.
1 x External Cover Grey.
1 x 300mm Conduit.



PART NO.	DESCRIPTION	PRICE
S83-1776	INTERNAL / EXTERNAL CUSTOMER LEAD IN KIT FULL	6.13



BLOWN FIBRE EXTERNAL CLI BASE & COVER MINI (GREY)

External cable entry cover with a 30mm bend radius to allow blowing of the fibre after installation. It is for use when a gas block is not required at the customer entry point. It can be used with cable sizes up to 6mm and can be used in conjunction with: S83-1786 D Tube External Capping.

Comprising:
 1 x External CLI Cover Mini
 1 x External CLI Base Mini
 2 x screws.



PART NO.	DESCRIPTION	PRICE
S83-1777	BLOWN FIBRE EXTERNAL CLI BASE & COVER MINI (GREY)	6.13

BLOWN FIBRE EXTERNAL CLI CONNECTOR BEND ADAPTOR

FBT0900 - Blown Fibre External CLI Connector Bend Adaptor.

Adaptor used to connect S83-1786 D Tube External Capping with S83-2759 Connector Bend No.4.



PART NO.	DESCRIPTION	PRICE
S83-1781	BLOWN FIBRE EXTERNAL CLI CONNECTOR BEND ADAPTOR	2.03

D TUBE EXTERNAL CAPPING

D Tube External Capping connects with S83-1777 Blown Fibre External CLI Base & Cover Mini and S83-1781 Blown Fibre External CLI Connector Bend Adaptor.

Length: 500mm



PART NO.	DESCRIPTION	PRICE
S83-1786	D TUBE EXTERNAL CAPPING	2.01

NEW SITE CAPPING

Capping to protect service cabling between S83-1782 New Site Connector Bend and S83-1775 Cover 101A, S83-1778 Blown Fibre External CLI, XCPSC03029

Prysman HDB4 Hybrid Drop Box Splice Only, XCPSC03043 Prysman HDB4 Hybrid Drop Box 2x SC/APC Simplex, XCPSC03044 Prysman HDB4 Hybrid Drop Box 2x LC/APC Duplex.

Ref: 101541.



PART NO.	DESCRIPTION	PRICE
S83-1783	NEW SITE CAPPING	5.10

BLOWN FIBRE EXTERNAL CUSTOMER LEAD IN

Comprising:
 1 x External CLI Cover
 1 x External CLI Base
 4 x screws

Ref: 061826.



PART NO.	DESCRIPTION	PRICE
S83-1778	BLOWN FIBRE EXTERNAL CUSTOMER LEAD IN	7.16

NEW SITE CONNECTOR BEND

For use outside the premises where cables emerge from under ground and can be used to connect with Duct 102 or Duct 56 and S83-1783.

Ref: 101557.



PART NO.	DESCRIPTION	PRICE
S83-1782	NEW SITE CONNECTOR BEND	5.10

KEY 9752 (PAIR)

For medium to heavy non-locking covers, for lifting locking heavy duty Broadstel.



PART NO.	DESCRIPTION	PRICE
S00-1072	KEY 9752 (PAIR)	12.73

KEY 9758

U shaped key for light duty covers with a 9.5mm key hole size.



PART NO.	DESCRIPTION	PRICE
S00-3031	KEY 9758	4.04

KEY JOINT BOX 4

Long handled version of Key Joint Box 2, enabling the user to lift the cover whilst standing up.



PART NO.	DESCRIPTION	PRICE
S13-1071	KEY JOINT BOX 4	22.94

PIT ROLLER BAR

Metal bar used to roll opened pit lids safely into a secure position.
Ref: 129274.



PART NO.	DESCRIPTION	PRICE
S13-9030	PIT ROLLER BAR	6.90

**MILLS
GROUNDSHEET
CARRIAGEWAY BOX**

Hi-vis ground sheet tailored in size to be used with all popular 'JRC' and 'JUF' Carrieway Boxes.

The sheet measures 2.1m x 1.5m and is manufactured from hi visibility PVC backed Polyester offering a strong, dry and durable membrane for the operator as well as saving the need for numerous sheets along each side of a pit.



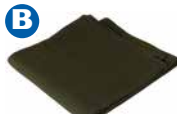
PART NO.	DESCRIPTION	PRICE
S83-6621	CARRIAGEWAY GROUNDSHEET	13.34

A) SPOIL SHEET

A general purpose heavy duty spoil sheet.
Square, double skin 2.1m.

**B) SHEET CANVAS**

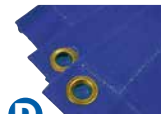
Typically used during jointing type work.
lightweight canvas sheet, 5' 9" x 5'. Does not drip when wet. Five eyelets fitted on one side.

**C) SHEET
WATERPROOF 1**

General purpose waterproof sheet size 5' x 4' 2".

**D) SHEET
WATERPROOF 2**

Canvas sheet (22oz/sq.yd), size 6' 6". For general outdoor use. Fitted with eight eyelets around perimeter of sheet.

**E) TARPULINS**

General purpose tarpulins available in 2 sizes.



PART NO.	DESCRIPTION	PRICE
S83-0702	A) SPOIL SHEET	102.35
S83-0701	B) SHEET CANVAS	30.64
S83-0699	C) SHEET WATERPROOF 1	20.95

PART NO.	DESCRIPTION	PRICE
S83-0700	D) SHEET WATERPROOF 2	59.79
S00-1470	E) TARPAULIN 3.5 x 5.0M	8.55
S00-3600	E) TARPAULIN 6.0 x 8.0M	21.63

KEY JOINT BOX 5M WITH MAGNETIC ARMS & CLEANING KEY

The Mills premier pit lifting key, similar to the classic key joint box No 5 but enhanced with integral cleaning tool, quick change hook and magnetic counterbalance arms.

Cleaning Tool - a wedge shaped key for cleaning around covers prior to opening, which neatly screws back into the handle for storage.

Magnetic Counterbalance arms - when in the

closed position the arms are held to the body of the lifter by strong magnetic pads. The arms can be purchased separately and are compatible with Mills Classic No 5 Lifter (S00-4276) and most other manufacturers No 5 lifters. They can be easily retrofitted in minutes.

Quick Change Hook - the No 5M lifter benefits from a quick change forged hook, which can be

easily changed from forward to back position, allowing stubborn covers to be 'cracked'. The hook is secured by a simple tee key. The hook and tee key can be purchased separately and are compatible with Mills Classic No 5 Lifter (S00-4276) and most other manufacturers No 5 lifters.

Ref: 129320.

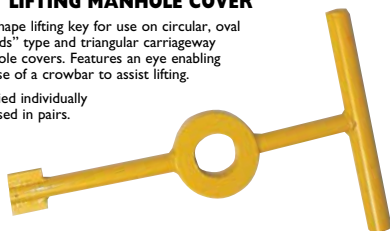


PART NO.	DESCRIPTION	PRICE
S13-1633	A) KEY JOINT BOX 5M WITH MAGNETIC ARMS & CLEANING KEY	24.50
S13-1634	B) MAGNETIC COUNTERBALANCE ARMS	9.32
S13-1796	C) QUICK CHANGE HOOK	6.54

KEY LIFTING MANHOLE COVER

"T" shape lifting key for use on circular, oval "woods" type and triangular carriageway manhole covers. Features an eye enabling the use of a crowbar to assist lifting.

Supplied individually but used in pairs.



PART NO.	DESCRIPTION	PRICE
S13-3575	KEY LIFTING MANHOLE COVER	16.25

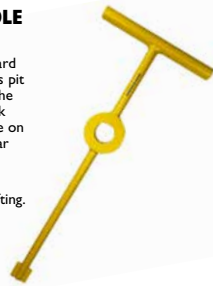
MILLS KEY LIFTING MANHOLE COVER EXTRA LONG

An extended length version of the standard S13-3575 Key Lifting Manhole Cover, this key is 65.5cm in overall length to assist the lifting process and reduce the risk of back injury. The "T" shape lifting key is for use on circular, oval "Woods" type and triangular carriageway manhole covers.

Features a 45mm eye (internal diameter) enabling the use of a crowbar to assist lifting.

Supplied individually but used in pairs.

Colour: Yellow.



PART NO.	DESCRIPTION	PRICE
S00-9214	MILLS KEY LIFTING MANHOLE COVER EXTRA LONG	20.32

MILLS KEY INSERTION SAFETY SHIM KISS TOOL

A specialist tool for assisting the lifting of pit covers which have damaged insertion holes. The KISS tool is used in conjunction with S13-4276 Mills Key Joint Box No. 5 Pit Cover Lifter.



PART NO.	DESCRIPTION	PRICE
S83-4555	MILLS KEY INSERTION SAFETY SHIM KISS TOOL	9.79

MILLS KEY CARRIAGEWAY 2A D PIT LIFTER

This D type pit lifter is for use on E type and square or rectangle covers.

Features an adjustable locking nut which bears against the frame to lift the cover.

Supplied individually, but used in pairs.

Dimensions: 260mm x 170mm.



PART NO.	DESCRIPTION	PRICE
S13-3001	MILLS KEY CARRIAGEWAY 2A D PIT LIFTER	19.50

T HANDLE 20" MANHOLE KEY (PAIR)

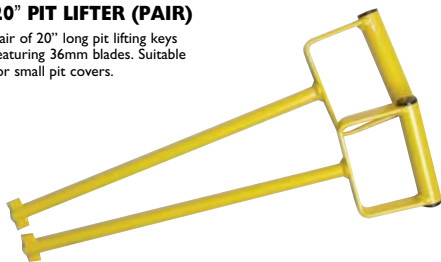
Light duty manhole key featuring a 22mm blade and a chisel point on the T handle for cleaning cover key holes and channels.



PART NO.	DESCRIPTION	PRICE
S13-0005	T HANDLE 20" MANHOLE KEY (PAIR)	12.24

20" PIT LIFTER (PAIR)

Pair of 20" long pit lifting keys featuring 36mm blades. Suitable for small pit covers.



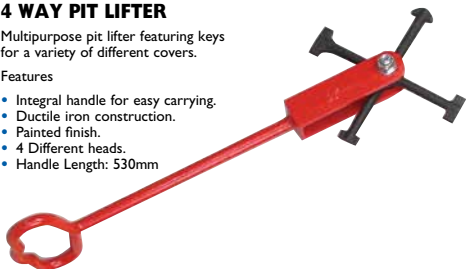
PART NO.	DESCRIPTION	PRICE
S13-3000	20" PIT LIFTER (PAIR)	13.61

4 WAY PIT LIFTER

Multipurpose pit lifter featuring keys for a variety of different covers.

Features

- Integral handle for easy carrying.
- Ductile iron construction.
- Painted finish.
- 4 Different heads.
- Handle Length: 530mm



PART NO.	DESCRIPTION	PRICE
S00-7907	4 WAY PIT LIFTER	164.75

KEY PILLAR

A multi purpose triangular shaped key for use on hollow poles, cross connection cabinets, distribution pillars and jointing posts.

Ref: 114996.



PART NO.	DESCRIPTION	PRICE
S13-0804	KEY PILLAR	4.95

FOLDING PIT COVER LIFTING TOOL 4 WAY

Folding tool designed to support safe manual lifting.

Allows manhole covers to be lifted whilst keeping straight back.

Features

- Integral handle for easy carrying.
- Folds to fit into a car boot.
- Ductile iron construction.
- Painted finish.
- 4 Different heads included.



PART NO.	DESCRIPTION	PRICE
S00-1702	FOLDING PIT COVER LIFTING TOOL 4 WAY	258.55

MILLS STAR LOCK PILLAR KEY FOR HUawei CABINETS

A multi-purpose star shaped key for use on normal copper cabinets as well as Huawei and ECI DSLAM's Cabinets.

This key is similar to the standard S13-0804 triangular pillar key but has further semi-circular recesses that allow it to be used on both copper and fibre cabinets.



PART NO.	DESCRIPTION	PRICE
S13-1635	MILLS STAR LOCK PILLAR KEY FOR HUawei CABINETS	4.95

REPLACEMENT 4 HEADED WHEEL FOR S00-7907 AND S00-1702 LIFTING TOOLS

Replacement 4 headed wheel for S00-7907 4 Way Pit Lifter Key and S00-1702 Folding Lifting Tool 4 Way.



PART NO.	DESCRIPTION	PRICE
S00-1703	REPLACEMENT 4 HEADED WHEEL	46.74

MILLS CLAMP 1A

The Clamp 1A is used on older cast iron PCP Cabinets to assist with the opening of the doors and prevent injury, should a hinge be broken.

The recognised procedure is to remove the top locking bolt and install the Clamp 1A.

This allows the engineers to loosen the bottom lock, whilst the tension is then held by the Clamp 1A.

Ref: 126425.



PART NO.	DESCRIPTION	PRICE
S83-0578	MILLS CLAMP 1A	19.61

SERVICE CABINET KEY

The square key will fit all rim and mortice budget locks.

Made from steel.



PART NO.	DESCRIPTION	PRICE
S00-7352	SERVICE CABINET KEY	4.42

FIRE BRIGADE FB LIFT OR DROP KEY

The FB Fireman's lift key is also known as the firemans drop key and enables the emergency services to open lift doors in the event of an emergency.

Steel Finish.



PART NO.	DESCRIPTION	PRICE
S00-1696	FIRE BRIGADE FB LIFT OR DROP KEY	21.21

GAS / ELECTRIC UTILITY METER KEY

Triangular gas & electric cabinet box key.



PART NO.	DESCRIPTION	PRICE
S00-7377	GAS / ELECTRIC UTILITY METER KEY	2.71

FIRE BRIGADE MASTER KEY SET

The Fire Brigade six key set includes: 1 x FB1 mortice and rim key 1 x FB2 mortice and rim key, 1 x FB4 Slam lock key, 1 x FB1 padlock key, 1 x FB11 padlock key and 1 x FB14 padlock key.

Many fire brigade services, councils and other emergency services use FB keys.

They are universal keys to open many types of doors, padlocks etc.

Mainly Used By The Fire Service, Schools, Electricians, Contractors etc.



PART NO.	DESCRIPTION	PRICE
S00-1695	FIRE BRIGADE MASTER KEY SET	9.22

4 WAY UTILITIES KEY

Compatible with water, electric and gas service cabinets.



PART NO.	DESCRIPTION	PRICE
S00-7906	4 WAY UTILITIES KEY	2.96

PROFESSIONAL ENGINEER CALL POINT TEST KEY SET

The Call Point Key Set is a must have for every fire alarm engineer on site who work alongside a wide variety of call points, so you won't be left in the dark on that all-important job. The key set has been designed to include the most common call point test keys used in a wide range of different fire alarm systems which have been installed into buildings all over.



PART NO.	DESCRIPTION	PRICE
S00-1829	PROFESSIONAL ENGINEER CALL POINT TEST KEY SET	20.55

5-IN-1 SWITCH CABINET MASTER KEY

The 5-in-1 Switch Cabinet Master Key is suitable for all the usual technical shut-off systems. It has a varnished plastic body with a practical retaining clip and the key profiles are zinc die-cast for increased durability.

The Master Key has 4 different keys, which are fitted on a double turning mechanism, allowing good positioning. In addition, the body houses a magnetic 5mm square and 1/4in bit holder, and a magnetic pocket for 1/4in bits in 7-8mm square profile.

Features:

- 3 x Square: 5, 6 & 7-8mm.
- 1 x Triangular: 9mm.
- 1 x Two-way: 3-5mm.



PART NO.	DESCRIPTION	PRICE
S00-1760	5-IN-1 SWITCH CABINET MASTER KEY	29.61

9-IN-1 SWITCH CABINET MASTER KEY

The 9-in-1 Switch Cabinet Master Key is suitable for all the usual technical shut-off systems. It has a varnished plastic body with a practical securing chain and snap-hook. The key profiles are zinc die-cast for increased durability. The Master Key has 8 different keys, which are fitted on a double turning mechanism, allowing good positioning. In addition, the body houses a 5mm square key suitable for aerating radiator valves and a 1/4 inch magnetic bit holder.

Features:

- 4 x Square: 5, 6, 7-8 & 9-10mm.
- 3 x Triangular: 7, 8-9 & 10-11mm.
- 1 x Two-way: 3-5mm.
- 1 x Half-moon: 6mm.



PART NO.	DESCRIPTION	PRICE
S00-1761	9-IN-1 SWITCH CABINET MASTER KEY	45.18

LIFTER MANHOLE COVER 4B

A hydraulic type lifter used for lifting all types of carriageway cover. A range of different keys can be fitted to suit the type of cover to be lifted. The lifter is used by attaching the main beam to the manhole cover via the appropriate lifting key and operating the ram with a pump action. A release valve is incorporated to lower the cover back into position.

The lifter comes complete with a ram operating handle, a lifter manoeuvring handle and carrying handle, and is supplied complete with bars and a full set of keys.

**Replacement parts for old style Lifter Manhole Cover 4B**

- B) 1A** Used in pairs to lift Ekington type manhole covers.
- C) 2A** Used in pairs to lift unit type manhole covers.
- D) 3B** Used for lifting triangular type covers such as Silent Knight and Covers Carriageway C and D. These keys should be ordered in sets of 6 to cater for the largest installation of 6 pairs of covers.
- E) 4A** Used in pairs to lift old types of manhole covers.

PART NO.	DESCRIPTION	PRICE
S83-0966	A) LIFTER MANHOLE COVER 4B	625.00
S83-2659	B) PART 1A	77.04
S83-2660	C) PART 2A	99.14
S83-2661	D) PART 3B	100.99
S83-0854	E) PART 4A	28.65

**ARNOLD MK I COMPACT COVER LIFTER**

Arnold MK I is designed to allow a single person to safely remove and replace a variety of manholes, duct and trench covers with minimal effort.

The device is designed to dismantle into a compact size making it easy to store and transport. It can also be manoeuvred or carried in its storage mode and has reflective livery so it can be seen at night.

The pivoting bearer beam with jacks at each end allows the lid to remain horizontal during the removal and replacement.

It has a safe working load of 125kgs.

- Product weight: 20kgs
- Folded dimensions: 1000(L) x 360(W) x 700(H)mm
- Open dimensions: 1400(L) x 1100(W) x 1240(H)mm

Supplied with box of fully forged keys comprising:

- 35mm T, 25mm T, for the majority of manhole covers
- 25mm L key for telecoms covers
- Hook key for grates, gullies, vented lids and for attaching the extended bearer beam.



PART NO.	DESCRIPTION	PRICE
S00-3698	ARNOLD MK I COMPACT COVER LIFTER	1,084.29

PROPANE KIT COMPLETE

Consists of:

Torch, Regulator, Nozzle C, Coupling Blank, Coupling Nut & Tail, Spanner, Hose High Pressure & Hose Clips.

Price of kit varies upon length of hose required.

Ref: I29136.



PART NO.	DESCRIPTION	PRICE
S83-3221	PROPANE COMPLETE KIT	98.37

PROPANE TORCH

A propane torch handle that accommodates a range of different size nozzles.



PART NO.	DESCRIPTION	PRICE
S83-0841	PROPANE TORCH	25.07

PROPANE REGULATOR

Propane regulator reduces the gas cylinder pressure to the required working pressure of 8 psi.



PART NO.	DESCRIPTION	PRICE
S83-2683	PROPANE REGULATOR	36.05

PROPANE SPANNER

General purpose spanner for use with Propane Torch and Regulator.

Ref: I26322.



PART NO.	DESCRIPTION	PRICE
S83-0959	PROPANE SPANNER	3.65

PROPANE STOVE

Light construction propane stove for general use such as melting lead and other metals, compounds, bitumen, etc.

Incorporates a standard needle valve. Will generally heat compounds to about 600 degrees C.



PART NO.	DESCRIPTION	PRICE
S83-2684	PROPANE STOVE	91.96

PROPANE NOZZLE 'C'

Propane nozzle used for larger shrink down closures, produces a large but soft flame 8" x 2" diameter.



PART NO.	DESCRIPTION	PRICE
S83-2680	PROPANE NOZZLE 'C'	13.95

PROPANE NOZZLE 'D'

Propane nozzle used on the shrink down ports of multi entry collars, produces a soft flame 5" x 9/16" diameter.



PART NO.	DESCRIPTION	PRICE
S83-2681	PROPANE NOZZLE 'D'	14.90

PIEZO GAS LIGHTER

Piezo gas lighter with a plastic handle. No flints, batteries or fuel refills required. Chrome plated mild steel. Replaces the Pistol Spark Gun.



PART NO.	DESCRIPTION	PRICE
S83-2678	PIEZO GAS LIGHTER	9.05

PROPANE COUPLING BLANK

For blanking off unused outlet on Propane Regulator.



PART NO.	DESCRIPTION	PRICE
S83-0967	PROPANE COUPLING BLANK	1.18

FIRE BLANKET 1.2M X 1.8M

Made from high quality materials and stored in a tough and durable wall mounted case.

The 1.2m x 1.8m size blankets are suitable for larger sized or commercial kitchen areas, workshops and clothing fires.

- Wall mounted fire blanket
- Suitable for fires involving less than 3 litres of fat/oil
- Certified to BS EN 1869:1997



PART NO.	DESCRIPTION	PRICE
S00-7275	FIRE BLANKET 1.2M X 1.8M	31.20

MILLS RIVETER 1A

Riveter 1A used for fitting Kit 267A which provides electrical continuity of the moisture barrier across the joint of PE sheathed cables. It is a hand operated tool which installs a rivet and a connector.

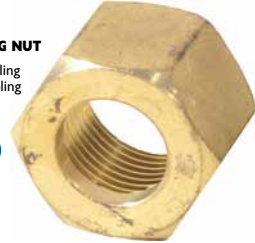
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PART NO.	DESCRIPTION	PRICE
S83-4466	RIVETER 1A	27.26

PROPANE COUPLINGS, NUTS & SETS**A****A) PROPANE COUPLING**

For use with Hose Propane and Regulator Propane.

B**B) PROPANE COUPLING NUT**

For fixing Propane Coupling Blank and Propane Coupling to Propane Regulator.

PART NO.	DESCRIPTION	PRICE
S83-0906	A) PROPANE COUPLING	1.24
S83-0905	B) PROPANE COUPLING NUT	2.36
S83-2682	SET OF PROPANE NUT & COUPLING	3.39

A) PROPANE HOSE HIGH PRESSURE

High pressure hose for propane tools, 4.7mm bore.

Sold by the metre - Call sales for pricing.

B) PROPANE HOSE CLIP

Steel hose clip for use with propane hose. Supplied individually.



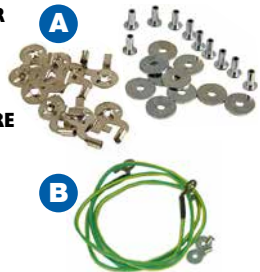
PART NO.	DESCRIPTION	PRICE
S83-0916	PROPANE HOSE HIGH PRESSURE	2.25
S83-3222	PROPANE HOSE CLIP	0.40

A) MOISTURE BARRIER KIT 267A

Used to make moisture barrier connections. The kit comprises a rivet washer and wire connector.

B) COMPLETE MOISTURE BARRIER KIT 1 METRE

Complete Moisture Barrier Connector kit using 267A type rivets to secure earth continuity to cable sheath.



PART NO.	DESCRIPTION	PRICE
S83-0955	A) MOISTURE BARRIER KIT 267A	5.06
S83-0373	B) COMPLETE MOISTURE BARRIER KIT 1 METRE	2.83
S83-0375	B) COMPLETE MOISTURE BARRIER KIT 2 METRE	4.07



THE MILLS PITMATE SYSTEM

The Pitmate range of products and accessories has been specifically designed in conjunction with telecom engineers to assist field operational staff with the installation of telecommunication equipment. The Pitmate system comprises a Pitmate Base Unit which can be attached to the existing Mobra arms allowing splicing trays, cable reel stands and even umbrella stands to be quickly and easily attached providing a stable platform whilst on site. In addition many of the components are interchangeable with the Mills Polemate System, shown on page 64.

MILLS PITMATE KIT

Kit comprises;

S83-7629 Splicer's Work Tray

S83-7626 Mobra Arm Bracket

S83-7624 CBT Arm



Pitmate Base Unit

...with Splicer's Tray

...with General Tray

...with CBT Reel Arm



A

B



MOBRA ARM BRACKET

An adjustable bracket which can be fixed easily to the Mobra frame. The bracket can be adjusted to 6 different heights by use of the captive pin in 80mm increments, starting from a minimum height of 150mm to a maximum of 550mm.

C



CBT ARM

A specialist 500mm long bracket for use in the installation and controlled de-reeling of CBT Cable Reel Assemblies up to a diameter of 830mm. The CBT Arm System allows the reel to be unreeled in a controlled manner due to the interference fit of the spindle flanges.

D



SPLICER'S WORK TRAY

A purpose made splicers tray that simply slots into the S83-7622 Polemate Base Unit or Pitmate Mobra Arm Bracket (S83-7626) providing a firm work support for both joint, splicer, cleaver and associated tools.

Dimensions: Width 508mm x Depth 408mm x Thickness 2mm.

E



GENERAL WORKING TRAY

Easily slipped into the S83-7622 Mills Polemate Base Unit Bracket providing a firm work support for general service and maintenance applications. Dimensions: 508mm x 258mm

F



UMBRELLA CLAMP FOR MOBRA FRAME

An 'L' shaped clamp which quickly fixes to the Mobra frame. The umbrella clamp accepts most umbrellas with a stock of 18-34mm.



MILLS POLEMATE
SEE PAGE 64

PART NO.	DESCRIPTION	PRICE
S83-9326	A) MILLS PITMATE KIT	273.88
S83-7626	B) MILLS PITMATE MOBRA ARM BRACKET	99.95
S83-7624	C) MILLS POLEMATE / PITMATE CBT ARM	102.95
S83-7629	D) MILLS POLEMATE / PITMATE SPLICER'S WORK TRAY	67.98
S83-7431	E) A GENERAL PURPOSE WORK TRAY	41.15
S83-7625	F) MILLS PITMATE UMBRELLA CLAMP FOR MOBRA FRAME	92.65

OUTSIDE PLANT TELECOMS & BROADBAND CABINETS & ENCLOSURES**A****A) FIBRE NETWORKS**

- Used for FTTH (e. g. GPON)
- For SpeedPipe, FibreBlow and classic fibre technologies

**B****B) BROADBAND NETWORKS**

- ADSL, VDSL, Vectoring
- Active ethernet, POTS
- TriplePlay
- Useable in FTTC, FTTB, FTTH and mixed topologies

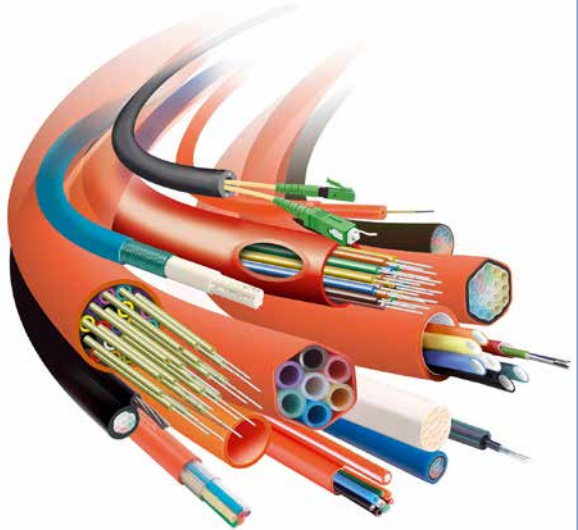


Ring sales on **020 8833 2626** for further information



With over 30 years of history and approximately 1 million kilometres of blown fibre tubing supplied for infrastructure in the UK, Emtelle's expertise is unrivalled as the industry leader in plastic tubing for telecommunications. This is why they are Mills' ducting partner of choice.

- Blown Fibre Tubing
- Microducting
- Multiducting
- Subduct
- Ducting
- Pre-installed Fibre Ducting



Ring sales on **020 8833 2626** for further information





EUROCRAFT TECHNOLOGIES

Today's engineering, protecting tomorrow's technology.



Passive Enclosures

Fundamental to making ideas tangible, effective design ensures practical outcomes aligned to meet the challenges of real world needs.

With a proven record of creative and sustainable enclosure design, Eurocraft delivers competitive advantage for high value installations.

Our team of design engineers create innovative products that support major telecommunication networks and a wide range of industrial applications.

Our in house Design team will create Innovative and cost effective solutions to suit your problem.

Enclosure Integration

Integration of components and subsystems during product development is essential to achieve success, particularly for complex projects where specialist skill often fall outside in-house expertise.

As an end to end service provider, Eurocraft support rollout of new technologies such as next generation networks.

Eurocraft offer a complete end to end service for cabinet integration. Complementary to Eurocraft's core capabilities, this additional resource enables provision of turnkey delivery to industrial and telecom clients.



EXTERNAL UNDERGROUND



Custom power solutions

Custom power enclosures and backboards designed and developed to suit new project demands as well as offering cost reductions and safety improvements.

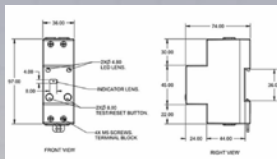
Providing DNO incoming power systems as full assembled power boards or secondary fed forward power system enclosures to reduce civil and DNO costs on expansion or new sites.

Ultimate protection for engineering staff and general members of the public, EN/BS 18th Edition compliant, 100% removal of periodic testing and nuisance tripping.

In-house designed and manufactured.

Smart RCD

RCD nominal sizes
97mm High x 74mm Deep x 36mm Wide



BS7671 periodic testing compliant, 2 pole, self testing, auto re-closing, externally communicating RCD

- Voltage 110-240Vac
- Rated residual current 30mA, 100mA, 300mA
- Trip time <30ms
- IP20
- Maximum connector cross section 25mm²
- Slave and master system



SMART RCD



DESICCANT PACK 2A

Used on unventilated Cabinets
Cross Connection. 140g pack.
Ref: 076062.



PART NO.	DESCRIPTION	PRICE
S83-3224	DESICCANT PACK 2A	5.52

COMPOUND 21A

Compound 21A is a single
component adhesive cement
for bonding PVC ducting.
Ref: 071821.



PART NO.	DESCRIPTION	PRICE
S83-2750	COMPOUND 21A	8.85

RESIN PACK 2B

A two component
polyurethane compound
specifically formulated
for use in the
construction of vertical
air blocks in pressurised
telecommunication
cables.

Ref 074228.



PART NO.	DESCRIPTION	PRICE
S83-2836	RESIN PACK 2B	11.75

RESIN PACK 6C

Resin Pack 6C is a two component
polyurethane compound specifically
formulated for use as a sealant
against the ingress of moisture into
the concrete bases of cabinets
crossconnection.

Features:

- Complies with latest BT specification.
- Supplied as a 3.8 litre kit comprising of 3.29 litres Base and 0.51 litres Hardener.
- Yellow base and blue hardener result in pale green mixed product (visual guide to mix quality).

Ref: 056487.



PART NO.	DESCRIPTION	PRICE
S83-2837	RESIN PACK 6C	46.34

RESIN PACK 7A

Resin Pack 7A is a two-
component polyurethane foam
specifically formulated for the
sealing of telecommunications
cable ducting against the ingress
of moisture and gas.

Features:

- Fully complies with BT Specification M225.
- Supplied as two half litre cans containing the base and hardener components.
- Kit also contains an injection syringe.



PART NO.	DESCRIPTION	PRICE
S83-2838	RESIN PACK 7A	24.41

RESIN PACK 7B

Resin Pack 7B is a two-component
polyurethane foam specifically
formulated for the sealing of
telecommunications cable
ducting against the ingress
of moisture and gas.

Features:

- Fully complies with BT Specification M225.
- Supplied as a comprehensive duct sealing kit including flexible foam dams.
- Ideal for use on 54A ducting.



PART NO.	DESCRIPTION	PRICE
S83-2839	RESIN PACK 7B	7.51

RESIN PACK 9B

Resin Pack 9B (FR) is a two
component non-harmful
polyurethane compound
specifically formulated for
use as a self-curing closure
sealant system for sealing
polyethylene sheathed
telecommunications
cables into the bases of
Sleeves 30A, 31A and
32A and Conduits for
both construction and
maintenance purposes.



PART NO.	DESCRIPTION	PRICE
S83-2840	RESIN PACK 9B	5.16

RESIN PACK 10B

A very hard/permanent sealant, used for sealing sleeves 30A, 31A and 32B.



PART NO.	DESCRIPTION	PRICE
S83-2748	RESIN PACK 10B	13.90

RESIN PACK 14C

Resin Pack 14C is a two component polyurethane compound specifically formulated for use as a sealant against the ingress of moisture and gas into telecommunications cable ducting.



Features:

- Fully complies with BT Specification M229C
- Supplied in a 250 ml "universal" cartridge fitted with a static mixer nozzle
- Bonds well to Polyethylene, Polycarbonate and PVCu
- Rapid cure
- Improved re-enterable characteristics as compared to Resin Pack 14B

PART NO.	DESCRIPTION	PRICE
S83-2835	RESIN PACK 14C	17.03

COMPOUND 16A

Compound 16A is a single component non curing mastic specifically formulated for sealing against gas and water in underground conduits carrying telephone cables.



PART NO.	DESCRIPTION	PRICE
S83-2749	COMPOUND 16A	6.66

RESIN 14 REMOVAL TOOLKIT

The Resin 14 Removal Toolkit is for the removal of Resin 14 duct seals from within cabinet/DSLAM, and comprises a Manual Impact Drill, 1 x 5.5mm x 210mm, 1 x 8mm x 210mm SDS drill bits and a pair of Extraction Hooks.

The extraction hooks are approx. 600mm in length with a T-handle at one end and a small hook at the other.

Ref: 088051.



PART NO.	DESCRIPTION	PRICE
S83-1838	THE RESIN 14 REMOVAL TOOLKIT	54.58

COMPOUND DX5

Black compound for sealing around junction boxes, service cable entries and many other similar applications. Forms around irregular surfaces and configurations, highly resistant to cracking, drying and shrinking.

Supplied in 5 x 1 pound blocks.



PART NO.	DESCRIPTION	PRICE
S83-3226	COMPOUND DX5	22.16

A) PEN MARKER NO.1

Permanent waterproof black marker pen for most surfaces with 0.6mm fine nib thickness providing smudge proof and waterproof qualities on almost all surfaces. Low odour ink and can be left uncapped for days without drying up. Ref: 129408.

B) PEN MARKER NO.2

Permanent waterproof gold marker pen for most surfaces with 1.2mm fine nib thickness providing smudge proof and waterproof qualities on almost all surfaces. Low odour ink and can be left uncapped for days without drying up. Ref: 129392.



PART NO.	DESCRIPTION	PRICE
S83-0948	A) PEN MARKER NO.1	1.16
S83-0960	B) PEN MARKER NO.2	3.64

SHARPIE PENS

- Quick drying, non-toxic ink formula
- Permanent on most surfaces
- Fade and water resistant ink
- Ideal for cable labelling

A) Twin Tip: Dual degrees of precision
Increased functionality with both Fine and Ultra Fine tips in one marker.

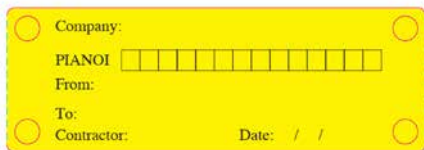
B) Sharpie Retractable Fine Point Permanent Marker: Forget about a cap...just click and write. Retractable marker for easy one-handed operation. Safety Seal™ valve design helps prevent dry out. No cap to remove or lose.



PART NO.	DESCRIPTION	PRICE
C71-6895	A) TWIN TIP FINE & ULTRA FINE X2 BLACK	4.27
C71-9820	A) TWIN TIP FINE & ULTRA FINE X12 BLACK	20.37
C71-9821	A) TWIN TIP FINE & ULTRA FINE X12 RED	20.37
C71-9822	A) TWIN TIP FINE & ULTRA FINE X12 BLUE	20.37
C71-9826	B) RETRACTABLE FINE TIP X12 BLACK	18.00

CABLING LABEL

For identification of newly provided cables. All pre-printed fields need to be completed with a Pen Marker No 1 (S83-0948). The yellow 100mm x 35mm labels are supplied in reels of 250 and have 4 x 6mm pre-cut holes in each corner for affixing into position using cable ties.



PART NO.	DESCRIPTION	PRICE
C71-0625	CABLING LABEL (REEL OF 250)	145.00

COMMSCOPE FIST MSC MODULAR SPLICE CLOSURE

Single ended o-ring sealed dome closure for high capacity splicing in a versatile and modular build. Transient free and flexible FIST fibre management for optimised fibre routing and cable storage.

Fully removable base for easy cable access during installation and provisioning. Compatible with high end environmental specifications for aerial, pedestal, underground or direct buried applications. Superior gel sealing technology incorporated in interchangeable and fully wrap around gel segments

Toolless and intuitive design in cable seals and cable attachments. Compatible with a wide range of fibre cable sizes and types.



COMMSCOPE
Distributor



Commscope Wall / Pole Mounting Bracket for FIST-MSC Closures

Commscope Wall / Pole Mounting Bracket for
FIST-MSC Closures

Visit millsltd.com
for more info

PART NO.
FIST-MSC
760242595

DESCRIPTION
COMMSCOPE FIST MSC MODULAR SPLICE CLOSURE
COMMSCOPE WALL / POLE MOUNTING BRACKET
FOR FIST-MSC CLOSURES

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsltd.com

COMMSCOPE FIST-EDSA FTTH ENCLOSURE

The FIST-EDSA features innovative sealing and cable retention for a range of cables, combined with proven gel seal technology and FIST fibre management hardware.

Features

- Single-ended base and dome design with only two latches
- Four long oval-shaped gel-sealed drop ports for 12 drop cables each (maximum 48 drops)
- One oval shaped gel-sealed feeder port
- Feeder loop possibility
- Feeder cable diameter maximum 16mm
- Drop cable diameter range: 5-8mm
- Fast, easy, toolless installation
- Single-sided UMS (Universal Mounting System) frame allows mounting of FIST management grooveplates and trays
- Repair and upgrade possibility
- Intuitive identification
- Eliminates need for waterblock connectors
- New cable attachment design: toolless and wrap-around installation.



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**SPECIAL
PRICES**
OR VISIT
millsltd.com

PART NO. DESCRIPTION
FIST-EDSA COMMSCOPE FIST-EDSA FTTH ENCLOSURE

MILLS MOBRA MOUNTING KIT FOR COMMSCOPE TENIO CLOSURE

Bracket kit for Commscope Tenio, allowing the enclosure to be fixed to a Mobra Arm (S83-0528, S83-0526) or directly to a premise wall using M6 expanding bolts (S83-1854).

Contents includes:

- Tenio Support Bracket c/w 4 Clevis Pins
- Mobra saddle Clamp with M6 Pinch Bolt
- 2 x M8 x 25mm Bolts, Washers and Nut

See **P86**
for Tenio
closures



PART NO.	DESCRIPTION	PRICE
S83-2581	MILLS MOBRA MOUNTING KIT FOR COMMSCOPE TENIO CLOSURE	34.95



OFDC SPLICE CLOSURES FROM COMMSCOPE

OFDC is short for Outdoor Fibre Distribution Closure and is a series of very compact splice closures. They come in three different sizes with capacity to splice from 24 to 96 optical fibres. Splice trays and cable seals made of gel are included. The special gel is used for both the closure and cable seals and allows easy access and is fully re-usable.

A) OFDC-A4

The smallest splicebox in the CommScope OFDC series. Finished with gel seals and splice cassettes.

- Indoor / outdoor use
- Enclosure class IP68
- Capacity of 24 joints
- 2 supply cables 4.5-12mm
- 4 drop cables 2-6mm
- 211 x 94 x 70mm

A



NEW!

B) OFDC-C12

The middle size splicebox in the CommScope OFDC series. Finished with gel seals and splice cassettes.

- Indoor / outdoor use
- Enclosure class IP68
- Capacity of 66 joints
- 2 supply cables 11.5-15mm
- 2 branches 8-11mm
- 8 drop cables 1.5-5.5mm
- 324 x 156 x 128mm

B



NEW!

C) OFDC-8G8

The largest splicebox in the CommScope OFDC series. Finished with gel seals and splice cassettes.

- Indoor / outdoor use
- Enclosure class IP68
- Capacity of 96 joints
- 2 supply cables 11.5-15mm
- 2 branches 8-11mm
- 12 drop cables 1.5-5.5mm
- 370 x 314 x 118mm

C



NEW!

COMMSCOPE
Distributor

PART NO. DESCRIPTION

OFDC-A4	A) COMMSCOPE OFDC-A4 EXTERNAL FIBRE OPTIC SPLICE/PATCH CLOSURE
OFDC-C12	B) COMMSCOPE OFDC-C12 EXTERNAL FIBRE OPTIC SPLICE/PATCH CLOSURE
OFDC-BG8	C) COMMSCOPE OFDC-BG8 EXTERNAL FIBRE OPTIC SPLICE/PATCH CLOSURE

THESE ARE
CONFIGURABLE
PRODUCTS

Please call sales for
further details

PRYSMIAN LMJ LARGE MULTI-FUNCTION JOINT - MEDIUM CAP

The LMJ is used for access applications within the external optical network and can be used for track, spur and loop applications.

It can accommodate a wide variety of cables such as loose tube, central loose tube, Flextube and blown fibre.

The modular tray system is designed for positive fibre management for Single Circuit Management (SCM) and Single Element Management (SEM), and the splice trays can accommodate a variety of different types of splice protectors and splitters.

The joint has ten circular ports and one oval port for mechanical entry. Mechanical glands are used to seal cables into the circular ports.

Multi way glands are also available to fit multiple cables into each circular port depending on the cable diameter.



See **P89-P92**
for more
Prysmian products

Prysmian
Group

PART NO.	DESCRIPTION	PRICE
XJTSC02366	PRYSMIAN LMJ LARGE MULTI-FUNCTION JOINT - MEDIUM CAP	POA
XJTSC02548	PRYSMIAN LMJ HANDLE KIT	6.03
XJTSC02274	PRYSMIAN LMJ SUPPORT TOOL	67.98
XJTSC02597	PRYSMIAN LMJ WALL / POLE MOUNTING BRACKET	23.18
XJTSC02382	PRYSMIAN LMJ MECHANICAL OVAL PORT ENTRY KIT 6-8MM	13.39

PRYSMIAN CMJ COMPACT MULTI-FUNCTION JOINT WITH TRAYS

The Compact Multi Function Joint (CMJ) is for jointing optical fibre cables. The joint is ideal for use as a Cable Chamber Joint, Track Joint, Spur Joint or Distribution Joint due to its capacity and compact size.

It has a maximum capacity of 144 fibres. The splice trays are factory fitted and each tray can accommodate up to 12 spliced fibres.

A multi-functional bracket can be supplied with the joint which enables wall or pole mounting of the joint vertically or horizontally.

The joint has four circular ports for mechanical entry glands, one oval port for heat shrink or mechanical entry and two additional small circular ports also for heat shrink entry.

See **P89-P92**
for more
Prysmian products



Prysmian
Group

PART NO.	DESCRIPTION	PRICE
CMJ-F-X-XXXX-X-X-X	PRYSMIAN CMJ COMPACT MULTI-FUNCTION JOINT WITH TRAYS	POA
XJTSC00075	PRYSMIAN CMJ / MMJ SUPPORT TOOL	48.82
XJTSC01756	PRYSMIAN CMJ / MMJ OVAL PORT HEAT SHRINK ENTRY KIT	19.78
XJTSC01755	PRYSMIAN CMJ / MMJ CIRCULAR PORT ENTRY ARAMID GLANDS 4 WAY 5-7MM	9.01
XJTSC02768	PRYSMIAN CMJ / MMJ CIRCULAR PORT ENTRY CSM GLANDS 4 WAY 5-7MM	11.54

PRYSMIAN MMJ MEDIUM MULTI-FUNCTION JOINT WITH TRAYS

The Medium Multi Function Joint (MMJ) is for jointing optical fibre cables.

The joint is ideal for use as a Cable Chamber Joint, Track Joint, Spur Joint or Distribution Joint due to its capacity and compact size. It has a maximum capacity of 288 fibres.

The splice trays are factory fitted and each tray can accommodate up to 12 spliced fibres.

A multi-functional bracket can be supplied with the joint which enables wall or pole mounting of the joint vertically or horizontally.

The joint has four circular ports for mechanical entry glands, one oval port for heat shrink or mechanical entry and two additional small circular ports also for heat shrink entry.

See **P89-P92**
for more
Prysmian products



Prysmian
Group

PART NO.	DESCRIPTION	PRICE
MMJ-F-X-XXXX-X-X-X	PRYSMIAN MMJ MEDIUM MULTI-FUNCTION JOINT WITH TRAYS	POA
XJTSC00075	PRYSMIAN CMJ / MMJ SUPPORT TOOL	48.82
XJTSC01756	PRYSMIAN CMJ / MMJ OVAL PORT HEAT SHRINK ENTRY KIT	19.78
XJTSC01755	PRYSMIAN CMJ / MMJ CIRCULAR PORT ENTRY ARAMID GLANDS 4 WAY 5-7MM	9.01
XJTSC02768	PRYSMIAN CMJ / MMJ CIRCULAR PORT ENTRY CSM GLANDS 4 WAY 5-7MM	11.54

PRYSMIAN UMJ ULTRA COMPACT MULTI-FUNCTION JOINT

The Ultra Compact Multi Function Joint (UMJ) is ideal for use as a Cable Chamber Joint, Track Joint, Spur Joint or Distribution Joint due to its capacity and compact size. It has a maximum capacity of 72 fibres, the splice trays are factory fitted and each tray can accommodate up to 12 spliced fibres. A multi-functional bracket can be supplied with the joint which enables wall or pole mounting of the joint vertically or horizontally. The joint has four circular ports for mechanical entry glands, one oval port for heat shrink or mechanical entry and two additional small circular ports also for heat shrink entry.

Features and Benefits

- An ultra compact closure for the splicing of optical cables.
- Supplied with 6 single element trays each able to accommodate 12 splices providing a maximum capacity of 72 fibres, or 6 single circuit splice trays. Each single circuit splice tray has two storage sections providing a total of 12 trays per joint with each tray accommodating up to 4 splices providing a total capacity of 48 fibres.
- An integrated input manifold manages the tubes to a common routing channel and has the provision to mount up to two optical splitters.



See
P89-P92
for more
Prysmian
products

PART NO.	DESCRIPTION	PRICE
UMJ-F-X-XXXX-X-X-X	PRYSMIAN UMJ	POA

A) PRYSMIAN SJC SMALL JOINT CLOSURE WITH 2 CABLE ENTRIES FOR CABLE 5-9MM

The SJC Closure is a splice closure that is used for track or branch applications. It has 4 cable entry ports, a splice cassette for 24 splices and a cable management and storage area. The closure is sealed to IP68 for water and dust tightness. The closure is supplied with four knock-out ports and two entry glands. Up to two additional entry glands can be ordered separately.



B) PRYSMIAN SJC CABLE ENTRY KIT 6-12MM

The cable entry kit is used to install an additional cable into the joint. It contains a cable gland, a cable tie and foam tape. For cables between 6-12mm.

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Group

PRYSMIAN HDB4 HYBRID DROP BOXES

The Hybrid Drop Box (HDB4) is a wall mounted product used for the splicing of up to 4 fibres and up to four customer drop cables.

It has the added feature of a copper storage area to accommodate a hybrid cable and is supplied with two cable entry seals for the two input cable ports and four drop ports.

The HDB4 can accommodate cables from 3 to 7mm and is supplied with an extra knock-out port on the back for through wall applications.

It can be mounted on a wall with the included fastening materials and fits directly onto standard S83-2759 Connector Bend 4 to hide primary cable routings.

Supplied with two duplex LC/APC adaptors and pigtails for connectorised drops.



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PART NO.	DESCRIPTION	PRICE
XJTSC02335	A) SJC SMALL JOINT CLOSURE WITH 2 CABLE ENTRIES FOR CABLE 5-9MM	30.90
XJTSC02471	B) SJC CABLE ENTRY KIT 6-12MM	2.99

PART NO.	DESCRIPTION	PRICE
XCPC03044	PRYSMIAN HDB4 HYBRID DROP BOX 2X LC/APC DUPLEX	35.87
XCPC03043	PRYSMIAN HDB4 HYBRID DROP BOX 2X SC/APC SIMPLEX	22.59
XCPC03029	PRYSMIAN HDB4 HYBRID DROP BOX SPLICE ONLY	13.02

A) PRYSMIAN HALF SIZE MOBRA ARM

Prysmian Half Size Mobra Arm to UMJ, CMJ, MMJ Enclosure. The arm is designed to be used in JUF/2 Chambers and used with a JUF/2 Mobra Chamber Mounting Bracket (S83-0129).

Overall Length 440mm x width 60mm.

B) PRYSMIAN FULL SIZE MOBRA ARM

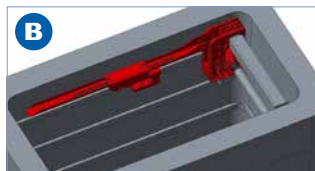
Prysmian Full Size Mobra Arm to UMJ, CMJ, MMJ Enclosure. The arm is designed to be used in JUF/4/6/10 Chambers and used with a JUF/4/6 Mobra Chamber Mounting Bracket (S83-0525) and JUF/10 Mobra Chamber Mounting Bracket (S83-0524).

Overall Length 810mm x width 60mm.

C) PRYSMIAN LMJ MOBRA MOUNTING KIT

Prysmian LMJ Mobra Mounting Kit - A kit for mounting the LMJ enclosure. The arm is designed to be used in JUF/4/6/10 Chambers and used with a JUF/4/6 Mobra Chamber Mounting Bracket (S83-0525) and JUF/10 Mobra Chamber Mounting Bracket (S83-0524).

Overall Length 810mm x width 60mm.



Prysmian
Group

For more mobra
items see [page 145](#)

PART NO.	DESCRIPTION	PRICE
XJTSC03265	A) UMJ/CMJ/MMJ HALF SIZE MOBRA ARM	48.93
XJTSC02405	B) UMJ/CMJ/MMJ FULL SIZE MOBRA ARM	52.50
XJTSC03203	C) LMJ MOBRA MOUNTING KIT	92.65

HELLERMANN TYTON S1 SERIES MDU/MBU ENCLOSURE

Designed for deployment within the last mile of the FTTx network. This enclosure can be used within a Point to Point (P2P) or Point to Multi Point (P2MP) network with the addition of PLC splitters, connectorised or bare end, pigtails and adaptors.

- 8 LC-APC Simplex Adaptors and Pigtails
- 2 Inbound/8 Outbound ports
- Separation of inbound fibre from connectorised drop cables
- Positive fibre management to maintain consistent 30mm minimum bend
- PLC splitter accommodation (60mm x 7mm x 4mm)
- Supports 3A splice protector types
- IP55/IK08 & UV Stable

The enclosure has 3 separate management areas for inbound cable, fibre splice management and drop cable (customer connection) management.

The inbound cable management area has a dedicated cable entry port which supports both cable end and mid-span applications with loop storage capacity for up to 1.5 m of excess fibre and the entry port is sealed with a cable entry kit (cable diameter 10mm - 15mm) to maintain the IP55 rating.

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PART NO.	DESCRIPTION
MDU-S1-01LC08RA1	S1 SERIES MDU/MBU ENCLOSURE

HELLERMANN TYTON S3 SERIES MDU/MBU ENCLOSURE

Designed for deployment within the last mile of the FTTx network. This enclosure can be used within a Point to Point (P2P) or Point to Multi Point (P2MP) with the addition of PLC splitters, connectorised or bare end, pigtails and adaptors. The S3 enclosure is configured with the HellermannTyton 250 µm IR Management System. The management system accommodates 4 SC-B R trays giving a maximum of 48 3A fibre splices and 3 PLC splitters. The position of the fibre management system allows for easy access for the routing of fibre onto the trays.

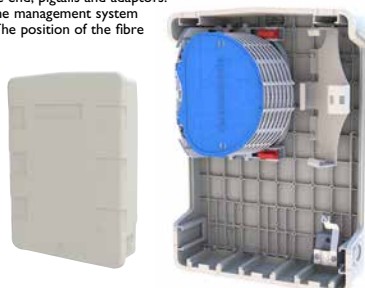
- 8 LC-APC Simplex Adaptors and Pigtails
- Maximum 96 Fibre Splices
- 250 µm IR Angled Fibre Management System with provision for 3 PLC Splitters
- 8 SC-B IR Trays
- 3 x Entry/Exit Port Blanks
- Loop Storage Basket
- Strength Member Anchor
- In-built spirit level
- IP54/IK08 & UV Stable

Fibre slot retaining blocks guide the fibre elements onto the IR system; the foam pad on the retainer is partially cut through to accommodate a range of fibre counts.

All IR system cover plates are coloured blue identifying them as removable parts allowing access to the fibre; the fibre retaining block and tray retaining clips are coloured red to aid in identification if they are dropped. A loop storage basket provides space for the storage of fibre loops.

Designed with 7 input/output ports, 3 across the bottom, 2 on the top and 1 on each side, each port will accommodate a 20 mm cable gland.

A 100 x 25 mm inset position on the front cover allows for a customer logo to be moulded in to the enclosure.

**HellermannTyton**

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PART NO.	DESCRIPTION
MDU-S3-BXNI	S3 SERIES MDU/MBU ENCLOSURE

HELLERMANN TYTON S5 SERIES MDU/MBU ENCLOSURE

Designed for deployment within the last mile of the FTTx network. This enclosure can be used within a Point to Point (P2P) or Point to Multi Point (P2MP) with the addition of PLC splitters, connectorised or bare end, pigtails and adaptors.

The S5 enclosure is configured with the HellermannTyton 250 µm IR Management System.

The management system is mounted on an aluminium backplane which accommodates 36 SC-B trays giving a maximum of 432 3A fibre splices.

- Maximum 432 Fibre Splices
- 250 µm IR Fibre Management System
- 36 SC-B Trays
- 2 Loop Storage Managers
- 4 x Entry/Exit Port Blanks
- Strength Member Anchor
- In-built spirit level
- IP54/IK08 & UV Stable

The position of the fibre management system allows for easy access for the routing of fibre onto the trays.

The trays and fibre optic routing modules are white which makes it easy to see the colour of the fibre elements as they are routed through the positive fibre management system.

Designed with 8 dual input/output ports, 4 across the bottom, 2 on the top and 2 on each side, each port will accommodate a 20 or 25 mm cable gland.

A 100 x 25 mm inset position on the front cover allows for a customer logo to be moulded into the enclosure.

**HellermannTyton**

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PRICES**
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PART NO.	DESCRIPTION
MDU-S5-LLXN	S5 SERIES MDU/MBU ENCLOSURE

TDUX KITS

TDUX is a unique inflatable wraparound duct sealing system for permanently sealing telephone cable ducts in order to prevent the leakage of water from the duct into exchange vaults or manholes.

- Suitable for use with plastic, concrete or steel ducting wall-feedthrough systems.
- Can be used with polyethylene or lead-jacketed cables.
- Duct Inflation Tool required.

Features

- Fast and easy to install, even in congested enclosures, requiring only three parts for completion.
- Very flexible and reliable wraparound sealing system.
- Independent of duct or cable ovality
- Can be installed while water is flowing out of the duct.
- Water and airtight up to 50 kPa.
- Environmentally friendly and non-toxic.
- Resistant to chemicals and bacteria.
- Easy and fast removal.



Note

TDUX kit will seal vacant ducts and ducts occupied with 1 or 2 cables. To seal ducts occupied with more than 2 cables, TDUX-CL clips are available as separate items. Call sales for further information.



PART NO.	PACK QTY	DUCT INSIDE DIAMETER RANGE		CORRESPONDING OUTSIDE DIA RANGE FOR 1/2 CABLES		PRICE
		MIN	MAX	IN MIN. DUCT	IN MAX. DUCT	
TDUX-45-INT	10	32.5	45	0-14	0-32	11.03
TDUX-60-INT	10	45	60	0-18	0-45	12.63
TDUX-75-INT	10	55	75	0-28	0-56	12.81
TDUX-90-INT	10	60	100	0-22	0-83	13.00
TDUX-100-INT	10	45	110	0-45	0-90	14.74
TDUX-125-INT	10	110	125	0-83	0-103	14.90

A) TDUX-IT-16 INFLATION TOOL

Inflation Tool for use with TDUX kits. Uses CO2 Gas Cylinders which contain 16g of CO2 and can inflate a minimum of 3 TDUX-100 duct seals in vacant ducts. Features an automatic pressure monitoring system to guarantee the required inflation pressure of 3.0 ± 0.2 Bar. Supplied with carry case. **CO2 Gas Cylinders NOT included.**

B) TDUX GAS CYLINDER (PK10)

CO2 Gas Cylinder containing 16g of CO2.

C) TDUX-IG-SR-AS INFLATION GUN

Inflation gun to be connected to a pressurised air bottle, pump or compressor, having an outlet pressure of 4 to 10 bar to feed the inflating gun. The inflating gun is designed with a safety relief valve and audio signal device to facilitate the installation.



PART NO.	DESCRIPTION	PRICE
583-2709	A) TDUX INFLATION TOOL	210.84
E7512-0160-10	B) TDUX GAS CYLINDERS (PK10)	26.05
583-4742	C) TDUX INFLATION GUN	POA

A) POLYWATER ZIP SEAL DUCT SEALANT KIT

A Closed-Cell Foam Duct Sealing System for conduit sizes up to 50mm (2 inch). ZipSeal™ Duct Sealant is a practical and efficient way to seal small conduits and communication innerducts. The revolutionary Zip-Disc™ insert traps and keeps the foaming liquid in its open-cell centre area.

The unique two-part foam installs quickly and effectively. The innovative design of the Zip-Disc™ insert allows for horizontal and vertical installation with minimal drippage. Cured foam blocks can be removed and re-entered relatively quickly if necessary.

ZipSeal™ Duct Sealant holds up to 10 feet (3.0 m) water-head pressure to keep gases and rodents out of conduits.



B) POLYWATER ZIP SEAL DISPENSING TOOL

Polywater TOOL-50-11 Dispensing Tool for use with 583-7601 Polywater Zip Seal Duct Sealant Kit.



PART NO.	DESCRIPTION	PRICE
583-7601	A) POLYWATER ZIP SEAL DUCT SEALANT KIT	48.41
583-7628	B) POLYWATER ZIP SEAL DISPENSING TOOL	59.29

MILLS BI-FOLD KNEELING PAD

A kneeling mat designed for service engineers and jointers on the move. This kneeling pad is manufactured from 40mm high density foam which when folded gives an 80mm cushion. The kneeler has a hard wearing PVC cover which is easy to clean and is resistant to most oils and chemicals.

Features: Lightweight, foldable compact design. High density 40mm foam providing an 80mm cushion when folded. PVC easy clean cover resistant to most oils and chemicals. Easy to store. Folded dimensions: 45cm x 19.5cm. Unfolded dimensions: 45cm x 45cm.



Ref: 128401.

PART NO.	DESCRIPTION	PRICE
S00-4538	MILLS BI-FOLD KNEELING PAD	12.10

STOOL FOLDING JOINTERS MK2

The Mk2 Jointers Stool has been designed in conjunction with a major UK telecom utility and reflects the changing height and weight of the average adult jointer and is an upgraded version of the traditional 'Stool Folding'.

The stool is tested to 150kg and is manufactured from 2mm thick 16mm diameter tubing, which has been butt welded, and retains a flat bottom to prevent the product rocking or becoming unstable during use. The seat cloth is now thicker and supported by additional webbing and triple stitching. The stool also has two 3.5mm welded link safety chains.

Height 39cm with a seat size of 40cm x 28.5cm. Ref: 092372/037965.



PART NO.	DESCRIPTION	PRICE
S13-4455	STOOL FOLDING JOINTERS MK2	19.61

MILLS CABLING IN PROGRESS 3 SIDED BOLLARD 500MM

The Mills three sided 'Cabling in Progress' bollard is an essential addition to assist the cabling engineer for both internal and external installations.

These bollards are 500mm in height, fully stackable, manufactured from 100% recycled PVC, with a heavy base for support in high winds.

Height: 500mm.
Width at base: 390mm.
Weight: 3.95kg



PART NO.	DESCRIPTION	PRICE
S00-1627	MILLS CABLING IN PROGRESS 3 SIDED BOLLARD 500MM	10.25

MILLS PORTABLE VENTILATOR 110V WITH 7.5M HOSE

The Mills Portable Ventilator is designed to provide a constant supply of clean fresh air into small confined spaces, such as manholes. It can even be used to extract non-flammable fumes too!

This 200mm blower has a 165w 110v motor delivering an airflow rate of 1500 metres³ per hour (25 metres³ per minute)

The unit is supplied complete with 7.5m of 200mm (8") diameter flexible ducting.



PART NO.	DESCRIPTION	PRICE
S83-9334	MILLS PORTABLE VENTILATOR 110V WITH 7.5M HOSE	154.45

MILLSLITE LED TORCH WORKLIGHT AND MAGNETIC HOLDER

This 2 in 1 worklight features a powerful Cree LED torch and COB work light. The Millslite is manufactured from high quality corrosion resistant and durable aluminium. This work light torch benefits from a strong end fitted magnet, making it ideal for hands free use and is powered by 4 x AAA batteries (not included), and features a 'glow in the dark' power button for ease of operation. Length 170mm with a diameter of 43mm, weight 280g. The holder is ideal for accurate positioning on most magnetic surfaces and benefits from 4 friction pads which prevent damage to the work area and also provide additional grip on sheer finishes. Base measures 50mm x 50mm and the product is manufactured in fluorescent (glow in the dark) nylon.



PART NO.	DESCRIPTION	PRICE
M99-7559	MILLSLITE LED TORCH WORKLIGHT AND MAGNETIC HOLDER	17.97

TEST EQUIPMENT & GAS DETECTORS**SEE PAGES 447-470****SUBMERSIBLE DRAINAGE PUMP 3A**

A submersible pump designed for the pumping out of clean water from telecommunication boxes, pits and chambers. This 2" (50mm) 110 volt 450w pump weighs just 11kg and can raise water from 11 metres.

The pump has a solid cast aluminium body, cast iron pump casing and an impact resistant PVC strainer base for durability during robust handling. The polyurethane vortex impeller offers excellent wear resistance in site applications where the water contains sand and silt in suspension, thus maintaining performance and reliability.

The Mills 3A Submersible Drainage Pump can be submerged to a depth of 5 metres and is supplied with a float switch that allows the pump to automatically stop once the chamber has been drained.

As a package the pump is supplied with 15 metres of 2" (50mm) Lay-flat Hose 3a, complete with associated fittings. Ref:141920.



PART NO.	DESCRIPTION	PRICE
S83-1612	SUBMERSIBLE DRAINAGE PUMP 3A	247.15



Civils and Site Equipment



Brooms, Buckets and Brushes

Cable Handling Equipment

Compressors

Cutting Tools

Digging Equipment (Shovels & Spades)

Gateguards

Generators

Ladders & Accessories

Measuring and Surveying Equipment

Power Tools

Road Signage

Site Hand Tools

Site Lighting

Tents and Umbrellas

Vacuum Cleaners

MILLS PLASTIC GATE GUARDS

The Mills folding barrier system is designed for use around underground chambers, cable laying and other temporary excavations. Available in 3 and 4 sided options.

- Compliant with Chapter 8 Streetworks
- Made from HDPE
- Compatible with existing barriers on the market.
- Folds compactly for easy transportation and storage
- Individual barrier weight: 2kg
- Heavy duty multi fingered gate guard clips
- Length each gate: 750mm
- Height each gate: 1000mm

A) Mills 4 Sided Gate Guard

- Length single gate 750mm
- Total unfolded Length 3000mm
- Height 1000mm
- Total Weight 8kg

B) Mills 3 Sided Gate Guard

- Length single gate 750mm
- Total unfolded Length 2250mm
- Height 1000mm
- Total Weight 6kg

C) Multi Fingred Gate Guard Clip

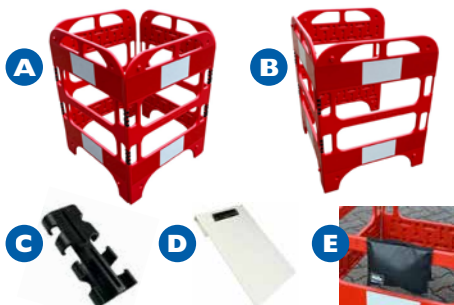
Easy to clip in place, provides for more secure fixing and compatible with most plastic and metal gate guards.

D) Mills Gate Guard Clip Board

An A4 clipboard manufactured from 3mm white Acrylic cut to size with radius corners and bent into a hook shape to allow for easy hanging on gate guards.

E) Mills Traffic Sandbags

Black 5kg traffic sand bags with carry/hanging handle. Supplied prefilled with gravel.



PART NO.	DESCRIPTION	PRICE
S00-6123	A) MILLS 4-SIDED GATE GUARD	62.95
S00-5646	B) MILLS 3-SIDED GATE GUARD	50.76
S00-5598	C) REPLACEMENT GATE CLIP (EACH)	2.49
S00-2544	D) GATE GUARD CLIP BOARD	10.25
S00-6725	E) MILLS TRAFFIC SANDBAGS - BLACK 5KG	9.95

METAL GATE GUARDS

Mills Metal Gate Guards available in 3 and 4 gate options. The gates are manufactured from steel tube and have two high-visibility replacable reflective strips. Compliant with Chapter 8 Streetworks. Hinged nylon clips enable fast, simple assembly in 4-way configurations.

Length each gate 750mm
Height each gate 1000mm
Weight each gate 2.6kg



PART NO.	DESCRIPTION	PRICE
S00-1170	A) 3 SIDED MILLS METAL GATE GUARD	56.78
S00-1172	B) 4 SIDED MILLS METAL GATE GUARD	64.95
S00-4264	C) CLIP ON PEDESTRIAN SIGN WITH REVERSIBLE ARROW	14.07
S00-4565	D) REPLACEMENT REFLECTIVE STRIPS (PKT 2)	5.84
S00-4744	E) REPLACEMENT GATE GUARD CLIP	1.03
S00-2544	F) GATE GUARD CLIP BOARD	10.25
S00-6725	G) MILLS TRAFFIC SANDBAGS- BLACK 5KG	9.95

BUNGY SIGNS

High quality roll up reflective (BS873-Class 2) signs, 600 x 450mm and supplied with 4 bungy straps, making them easy to strap to gate guards, road barriers, chain link fencing etc. Available from stock in the following variants and also can be customised to produce courtesy and information signs (e) - (minimum order 10).

A) Bungy Sign PEDESTRIAN 600mm x 440mm

B) Bungy Sign FOOTWAY CLOSED AHEAD 600 X 600MM

C) Bungy Sign FOOTWAY CLOSED 600 X 600MM

D) Bungy Sign PEDESTRIANS PLEASE USE OTHER FOOTWAY 600X600MM

E) Bungy Sign 'Customised Courtesy'



Please ring our Sales Office to discuss your requirements on 020 8833 2626

PART NO.	DESCRIPTION	PRICE
S09-4442	A) BUNGY SIGN PEDESTRIAN 600MM X 440MM	15.24
S00-2689	B) BUNGY SIGN FOOTWAY CLOSED AHEAD 600 X 600MM	15.24
S00-2690	C) BUNGY SIGN FOOTWAY CLOSED 600 X 600MM	15.24
S00-2694	D) BUNGY SIGN PEDESTRIANS PLEASE USE OTHER FOOTWAY 600X600MM	15.24
	E) BUNGY SIGN 'CUSTOMISED COURTESY'	POA

MERGON 2 METRE BARRIER SYSTEMS

A) Mergon's innovative standard 2m barrier allows for pedestrian walkways to be easily organised, monitored and controlled. As a one piece design, the barriers are easily connected and have stacking features which ensures they can be transported from location to location.

- Certified to highest quality standards: ISO 9000, ISO 14001 and ISO 13485
- Can accommodate 2 types of courtesy sign
- Manufactured from virgin high density polyethylene
- Certified to highest quality standards: ISO 9000, ISO 14001 and ISO 13485

B) Mergon's innovative folding 2m barrier systems offer complete versatility for utility and general construction applications. You can create various configurations for road works / highway utility installations.

- Conforms to BSEN8442
- Reflectivity requirement to BSEN 12899-1 Chapter 8 – Traffic Signs Manual / Red Book 2014
- Can accommodate 2 types of courtesy sign
- Sliding clip, which fits other types of barriers
- Manufactured from virgin high density polyethylene
- Replacement feet available (S00-4864)



PART NO.	DESCRIPTION	PRICE
S00-6089	A) STANDARD 2M MERGON BARRIER	32.50
S00-6087	B) FOLDING MERGON 2M BARRIER	42.75
S00-4864	REPLACEMENT ANTI-TRIP FOOT WITH SPIGOT	5.10

CIVILS & SITE EQUIPMENT

A-C) PVC ROAD CONES

Heavy-duty cones designed for maximum stability, ease of handling and storage. Ideal for use in most traffic control situations on roads and emergency works. With Designation 2 (D2) Reflective Sleeves. Cone not included.



D) CONE SAND BAG

A specially designed sandbag for use with 450mm, 600mm and 750mm road cones - Weight: 4.8kg. Cone not included.



PART NO.	DESCRIPTION	PRICE
S00-1159	A) 18" (450MM) LOW INDEX CONE WITH SLEEVE	2.73
S00-1160	B) 30" (750MM) LOW INDEX CONE WITH SLEEVE	5.94
S00-3005	C) 39" (1000MM) LOW INDEX CONE WITH SLEEVE	14.14
S00-7192	D) CONE SAND BAG	9.64

MILLS CABLING IN PROGRESS SIGNS

Available for internal or external use.

A) S00-0621 Internal Cabling in Progress Sign
Cabling In Progress safety sign designed for internal use, folding flat for easy storage. 600mm height, 290mm wide

B) S00-1627 External Cabling in Progress Sign
Three sided stackable 'Cabling in Progress' bollard, 500mm in height. Width at base 390mm



PART NO.	DESCRIPTION	PRICE
S00-0621	A) INTERNAL CABLING IN PROGRESS SIGN	11.19
S00-1627	B) EXTERNAL CABLING IN PROGRESS SIGN	10.25

TRAFFIC SANDBAGS

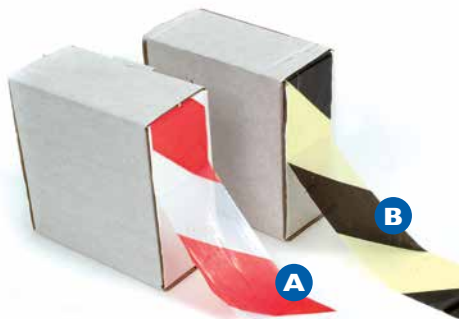
Black 5kg traffic sand bags with carry/hanging handle. Supplied prefilled with gravel.



PART NO.	DESCRIPTION	PRICE
S00-6725	TRAFFIC SANDBAG	9.95

NON ADHESIVE BARRIER TAPE

Available in Red/White & Black/Yellow 70mm x 500m.



PART NO.	DESCRIPTION	PRICE
S00-4262	A) BARRIER TAPE RED / WHITE 500M	4.59
S00-8115	B) BARRIER TAPE BLACK / YELLOW 500M	4.59

COLLAPSIBLE ROAD SIGNS



- Heavy duty galvanised steel frame
 - Erect in seconds
 - Easy to store
 - Ballast hanging hook
- Arrow road signs are reversible for left or right direction.



PART NO.	DESCRIPTION	PRICE
S09-9472	A) 750MM KEEP LEFT & RIGHT REVERSIBLE (610)	40.02
S09-9473	B) 750MM MEN AT WORK (7001)	32.30
S09-9474	C) 750MM ROAD NARROWS REVERSIBLE (517)	36.57
S09-9475	D) 600 X 450MM PEDESTRIANS REVERSIBLE (7018)	51.69
S09-9476	E) 'END' PLATE SUPPLEMENTAL ACCESSORY (ONLY)	16.75
S00-6725	F) MILLS TRAFFIC SANDBAGS - BLACK 5KG	9.95

A) ANTI SLIDE WHEELCHAIR RAMP AND PEDESTRIAN KERB RAMP

For roadworks access. Adapts to kerb/step heights (60mm to 160mm).

Can be used as an access for wheelchairs, pushchairs and mobility scooters up to 350kg. Dimensions: 1282mm x 760mm. Weight: 10kg.



B) TRENCH COVER

Low profile PVC trench cover conforming to National Grid Footway Board Specification T/SP/E/42. 1125mm x 1125mm to cover trenches upto 700mm wide and able to support a weight up to 500kg. Flexible edges can be replaced.



C) EXTERNAL HEAVY DUTY CABLING PROTECTOR

Heavy duty cable protectors, supplied in 980 x 600mm sections, interlink to form a continuous ramped cable protector which is rated to 6000kg and suitable for traffic flow at 5-10 mph.

Three cable channels 55H x 65Wmm can accommodate cables and service pipes.

Overall dimensions 75mm Height x 600mm Width x 980mm Length.



PART NO.	DESCRIPTION	PRICE
S83-1558	A) ANTI SLIDE WHEELCHAIR RAMP AND PEDESTRIAN KERB RAMP	72.05
S83-1559	B) TRENCH COVER 1125MM X 1125MM	108.15
W04-2908	C) EXTERNAL HEAVY DUTY CABLING PROTECTOR	120.16

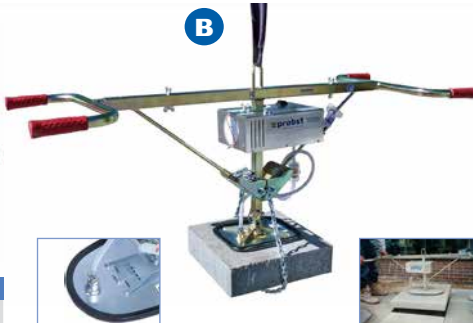
A) KERB STONE LIFTER

Two person kerb lifter for the easy and safe lifting and moving of kerb stones. Especially suitable for handling concrete kerb stones with a working load of 100kg. The lifter has a gripper width of 100 mm with a gripping range: 500 - 1045mm. Weight of unit 11kg.



B) VACUUM SLAB COVER

Flexible and powerful hand operated laying device which allow 2 men to comfortably and safely lift granite or high quality concrete elements up to 150kgs. Powered by 12v rechargeable battery and with a suction plate measuring 260 x 210mm - Weight of unit 16kg.



PART NO.	DESCRIPTION	PRICE
S83-1931	KERB LIFTER - 2 MAN LIFT	283.25
S00-2697	VACUUM SLAB POWER LIFTER	2025.66

MILLS CONE SIGNS

Temporary road sign for mounting on a road cone. Designed to fit 30" (750mm) and 39" (1000mm) cones. This lightweight and slim design ensures your road signage can be quickly and easily stored and deployed from the vehicle taking up limited space and weight. The sign is extremely strong and durable. Manufactured from plastic, the sign has construction grade fixing straps on the rear to hook over a traffic cone.

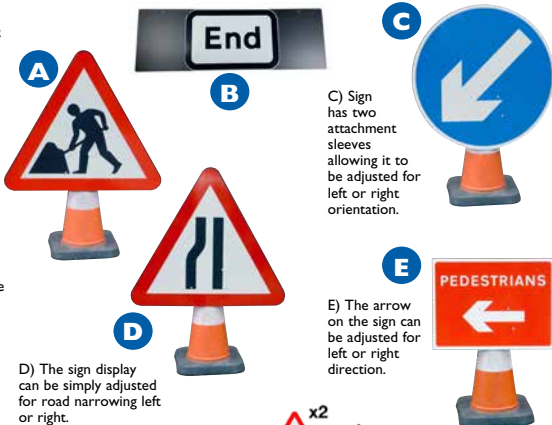
Although lightweight, the angled sign is designed to give a strong wind resistance.

- Non Reflective on black recycled plastic
- Space saving advantage due to flat pack design
- Lightweight to assist with weight restrictions in vehicles.

Cone not included.

The cone signs are available separately or as a complete Mills Cone Sign Kit Full Chapter 8 for 750mm Cones, comprising:

- 2 x S00-2647 Man at Work / Road Works Cone Signs
- 2 x S00-2648 Man at Work / Road Works complete with 2 x END supplementary signs
- 2 x S00-2650 Reversible Road Arrows Left/Right Cone Sign
- 2 x S83-2651 Road Narrows Left/Right Cone Sign



D) The sign display can be simply adjusted for road narrowing left or right.

C) Sign has two attachment sleeves allowing it to be adjusted for left or right orientation.

E) The arrow on the sign can be adjusted for left or right direction.



F) Please note the multiple pics of the cone set portray that the 'arrow sign is reversible and supplied x 2 and the road narrows is one sign that is reversible x 2.

PART NO.	DESCRIPTION	PRICE
S00-2647	A) MEN AT WORK CONE SIGN	19.40
S00-2648	B) 'END' PLATE SUPPLEMENTARY CONE SIGN	11.85
S00-8835	C) REVERSIBLE ROAD ARROWS LEFT/RIGHT CONE SIGN	18.46
S00-2698	D) ADJUSTABLE ROAD NARROW LEFT/RIGHT CONE SIGN	18.46
S00-3676	E) REVERSIBLE PEDESTRIAN 600 X 450MM CONE SIGN	11.01
S09-1491	F) MILLS CONE SIGN KIT FULL CHAPTER 8 FOR 750MM/1000MM CONES	329.55
S09-1496	MILLS FOOTWAY CLOSED CONE SIGN 650MM X 450MM	11.93
S09-1497	MILLS PEDESTRIANS USE OTHER FOOTWAY CONE SIGN 600 X 450MM	11.93
S09-1499	MILLS TRAFFIC SIGNAL AHEAD	17.25
S09-1498	TRAFFIC CONTROL AHEAD	28.49

CIVILS & SITE EQUIPMENT

STOP GO SIGN

Plastic reversible lollipop style Stop Go sign with a 650mm head supplied with Engineer Grade reflective sheeting.

Diameter Sign Face: 650mm.
Height: 2040mm.
Weight: 3.95kg.



PART NO.	DESCRIPTION	PRICE
S83-1580	STOP GO SIGN	51.45

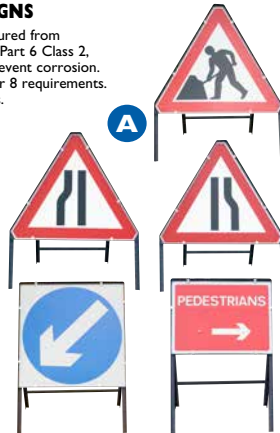
A) METAL ROAD SIGNS

Standard plates are manufactured from reflective sheeting to BS 873:Part 6 Class 2, and mounted on zintec to prevent corrosion. All signs comply with Chapter 8 requirements. Supplied complete with stands.

B) MILLS TRAFFIC SANDBAGS

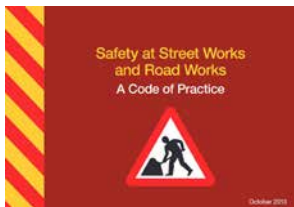


B



NRSA RED BOOK

This publication sets out the statutory requirements for signing, lighting, and guarding at street works and road works.



PART NO.	DESCRIPTION	PRICE
S00-2696	NRSA RED BOOK	15.83

PART NO.	DESCRIPTION	PRICE
S00-5016	A) 750MM MEN AT WORK (564)	22.19
S00-5017	A) 750MM ROAD NARROWS RIGHT (517R)	22.19
S00-5018	A) 750MM ROAD NARROWS LEFT (517L)	22.19
S00-5023	A) 750MM ARROWS LEFT/RIGHT	26.13
S00-5020	A) 1200MM MEN AT WORK	43.15
S00-5021	A) 1200MM ROAD NARROWS RIGHT (517R)	43.15
S00-5022	A) 1200MM ROAD NARROWS LEFT (517L)	42.45
S00-5024	A) 1200MM ARROWS LEFT/RIGHT	59.35
S00-5025	A) 600 X 450MM PEDESTRIAN SIGN	19.18
S00-6725	B) MILLS TRAFFIC SANDBAGS - BLACK 5KG	9.95

WOOD

Manufactured from specially selected Ash and Hardwood timbers, tapered and deep fitted into the extra long socket to give optimum strength and durability. Designed for strength and durability and will outperform the requirements of BS3388 under all tests.

STEEL

Tubular steel shafted solid socket designed for the professional for heavier usage. Contoured tubular steel handles are rotary welded into the body of the shovel socket for extra strength and rigidity – thus producing a very robust yet lightweight tool for digging. Outperforms the requirements of BS3388 under all tests.

POLYFIBREPRO

Solid forged contractors tools offering a high degree of fibreglass strength along with the comfort of a profile moulded PYD hand grip. Injection moulded polypropylene sheathing totally encloses the polyester resin fibreglass core – virtually eliminating the danger of handle breakage and potential injury. PolyFibrePRO tool handles will not rot, shrink, dry out or become more susceptible to breakage through periods of inactivity. Outperforms the requirements of BS3388 under all tests.

FIBREMAXPRO

The ultimate in strength for contractors tools. Developed to provide almost unbreakable tool handles, the solid core 28mm dia. resin bonded glass fibres produce great flexibility and superior strengths, far exceeding the requirements of BS3388.

SHOCKSAFE

A range of insulated contractors tools providing full conformity to the exacting specifications of 'BS8020: Tools for Live Working'. BS8020:2002 demands full adherence to detailed manufacturing and testing procedures for safe working practices to be maintained by the user when working on or in close proximity to live conductor cables. A specially integrated collar prevents the user's hand slipping onto the steel blade. Every single tool is flash tested to 10,000 Volts before being uniquely numbered and the issue of a certificate, unique to each implement. This ensures total traceability and a guarantee of safety to the user, in a potentially dangerous live-working environment.

SHOVEL STOKING NO.2 SQUARE

PART NO.	DESCRIPTION	PRICE
S83-3316	A) WOOD	12.51
S00-1209	B) STEEL	14.29
S83-3317	C) POLYFIBRE PRO	18.22
S83-3318	D) SHOCKSAFE	47.36

SPADE DIGGING & GENERAL SERVICE

PART NO.	DESCRIPTION	PRICE	PART NO.	DESCRIPTION	PRICE
S00-7890	A) SPADE DIGGING - WOOD	18.44	S83-4537	E) SPADE GENERAL SERVICE - SHOCKSAFE	43.67
S00-1215	B) SPADE DIGGING - STEEL	14.57	S83-1827	F) SPADE GENERAL SERVICE TREADED - STEEL	17.16
S83-3314	C) SPADE DIGGING - POLYFIBRE PRO	18.54	S83-1828	G) SPADE GENERAL SERVICE TREADED - POLYFIBREPRO	21.71
S83-3315	D) SPADE DIGGING - SHOCKSAFE	46.03	S83-1826	H) SPADE GENERAL SERVICE TREADED - WOOD	17.16

SHOVEL TRENCHING



PART NO.	DESCRIPTION	PRICE
S83-3319	A) WOOD	14.18
S00-1210	B) STEEL	14.57
S83-3320	C) POLYFIBRE PRO	18.54
S83-3321	D) SHOCKSAFE	46.03

CABLE LAYING SHOVEL



PART NO.	DESCRIPTION	PRICE
S00-7892	A) WOOD	18.44
S00-1220	B) STEEL	19.81
S83-3322	C) POLYFIBRE PRO	18.54
S83-3323	D) SHOCKSAFE	46.03

CONTRACTOR FORKS



PART NO.	DESCRIPTION	PRICE
S83-1831	FORK TRENCHING - POLYFIBREPRO	27.04
S83-1619	HEAVY DUTY CONTRACTORS FORK - BS8020 SHOCKSAFE	45.16
S00-7891	FORK TRENCHING - WOOD	18.33
S00-1213	FORK TRENCHING - STEEL	19.96

NEWCASTLE DRAINER



PART NO.	DESCRIPTION	PRICE
S83-3324	A) WOOD	16.71
S00-1221	B) STEEL	20.03
S83-3325	C) POLYFIBRE PRO	21.39
S83-3326	D) SHOCKSAFE	47.87

SPADE RABBITING

Used on pole installations, this tool has a long elongated blade, especially useful in conditions of wet clay and tree roots.



PART NO.	DESCRIPTION	PRICE
S83-0989	A) SPADE RABBITING -STEEL 54" SHAFT	41.46
S83-0740	B) SPADE RABBITING -FIBREMAXPRO 54" SHAFT	46.42
S83-2899	C) SPADE RABBITING -SHOCKSAFE 54" SHAFT	58.56
S83-2695	D) SPADE RABBITING -SHOCKSAFE 78" SHAFT	63.86

BAR DIGGING

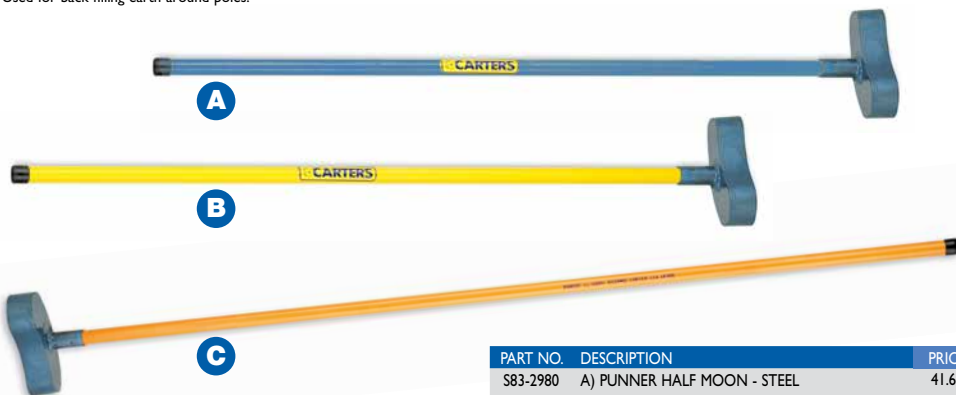
General purpose digging bar can be used for levering when excavating holes for poles.



PART NO.	DESCRIPTION	PRICE
S83-0982	A) BAR DIGGING - FIBREMAXPRO	58.47
S83-0843	B) BAR DIGGING - SHOCKSAFE	82.87

PUNNER HALF MOON

Used for back filling earth around poles.



PART NO.	DESCRIPTION	PRICE
S83-2980	A) PUNNER HALF MOON - STEEL	41.63
S83-2687	B) PUNNER HALF MOON - FIBREMAXPRO	68.82
S83-2688	C) PUNNER HALF MOON - SHOCKSAFE	94.44

SPOON EXCAVATING

Spoon shaped tool used when excavating holes for poles.



PART NO.	DESCRIPTION	PRICE
S83-0990	A) SPOON EXCAVATING - WOOD	50.00
S83-0991	B) SPOON EXCAVATING - FIBREMAXPRO	45.19
S83-2979	C) SPOON EXCAVATING - SHOCKSAFE	73.65
S83-0593	D) BT PATTERN SPOON - SHOCKSAFE	92.65

PUNNER IRON

Square head 10lb Punner supplied with either steel or fibreglass handles.



PART NO.	DESCRIPTION	PRICE
S00-1234	A) PUNNER IRON - STEEL	18.50
S83-2982	B) PUNNER IRON - FIBREMAXPRO	38.84
S83-3328	C) PUNNER IRON - WOOD	17.92
S83-3329	D) PUNNER IRON - SHOCKSAFE	51.56

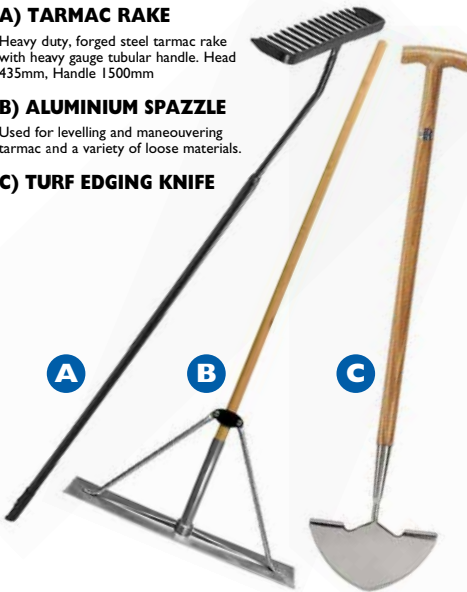
A) TARMAC RAKE

Heavy duty, forged steel tarmac rake with heavy gauge tubular handle. Head 435mm, Handle 1500mm

B) ALUMINIUM SPAZZLE

Used for levelling and maneuvering tarmac and a variety of loose materials.

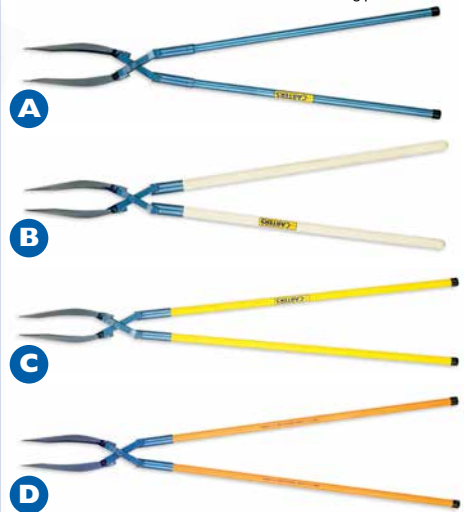
C) TURF EDGING KNIFE



PART NO.	DESCRIPTION	PRICE
S83-1585	A) TARMAC RAKE	13.85
S83-1584	B) ALUMINIUM SPAZZLE	21.45
S00-1216	C) TURF EDGING KNIFE	11.77

SHOVEL HOLER

Double shovel with scissor action, used when excavating poles.



PART NO.	DESCRIPTION	PRICE
S83-3327	A) SHOVEL HOLER - STEEL	64.83
S83-0981	B) SHOVEL HOLER - WOOD	92.70
S83-0739	C) SHOVEL HOLER - FIBREMAXPRO	84.84
S83-2900	D) SHOVEL HOLER - SHOCKSAFE	118.45

A) CROWBAR INSULATED60" Shocksafe Insulated Chisel
& Point Crow Bar.**A****B) WRECKING BAR**

Length: 455mm.

**B****C) CROWBAR**

5 foot chisel and point.

**C****D) RUBBER MAUL**Replacement shafts
available on request.**D****E) PICK AXE**Replacement shafts
available on request.**E****F) Shocksafe
Pick Axe****F****G) FORESTERS BOWSAW
530MM (21")****G****H) 6" GAUGING TROWEL****H****I) 6" POINTING TROWEL****I****J) 10" BRICK TROWEL****J****K) PLASTIC FLOAT
280 X 110MM****K****L) STEEL CONCRETE FLOAT
M) EDGING TROWEL 10" X 4"****L****M****N) GARDENING TROWEL**
Made from Stainless Steel.**N**

PART NO.	DESCRIPTION	PRICE	PART NO.	DESCRIPTION	PRICE
S83-3679	A) CROWBAR INSULATED	60.12	N70-7651	G) FORESTERS BOWSAW 530MM (21")	8.19
S00-3678	B) WRECKING BAR	3.34	S00-1236	H) 6" GAUGING TROWEL	5.38
S00-1226	C) CROWBAR 5 FT CHISEL/POINT	14.10	S00-1232	I) 6" POINTING TROWEL	2.96
S00-1211	D) RUBBER MAUL COMPLETE WITH HANDLE	26.66	S00-1228	J) 10" BRICK TROWEL	2.27
S00-3509	D) RUBBER MALLET WITH FIBREGLASS SHAFT 680G (24OZ)	7.46	S00-2701	K) PLASTIC FLOAT 280 X 110MM	4.18
S00-1223	E) PICK AXE COMPLETE WITH HANDLE	13.02	S00-1233	L) STEEL CONCRETE FLOAT	5.05
S83-9340	F) SHOCKSAFE PICK AXE	37.07	S00-2702	M) EDGING TROWEL 10" X 4"	13.42
			S00-1235	N) GARDENING TROWEL	4.07

A) WOODEN SHAFTED CLUB HAMMERS

A



B) SHOCKSAFE CLUB HAMMERS

B



C) FIBRE GLASS SHAFT CLUB HAMMER

C



D) FIBRE GLASS SHAFT SLEDGE HAMMER

D



E) SHOCKSAFE SLEDGE HAMMERS

E



F) CLAW HAMMERS

F



G) GRIP BYPASS PATTERN SECATEURS

G



H) ANVIL LOPPERS

H



I) TREE PRUNER WITH TELESCOPIC HANDLE

Cutting Capacity 32mm DIA

I



J) PRESSURE WASHER 2 LITRE

J



K) PUMP ACTION SPRAYER 5 LITRE

K



L) ELITE DUST SUPPRESSION WATER BOTTLE CONTAINER TANK 14 LITRE

L



M) GLORIA 410T 10 LITRE 6 BAR PRO LINE HIGH PERFORMANCE SPRAYER

M



PART NO.	DESCRIPTION	PRICE	PART NO.	DESCRIPTION	PRICE
J75-1020	A) CLUB HAMMER 1125G (2.5 LB)	6.02	J72-9588	F) CLAW HAMMER WITH GLASS FIBRE SHAFT 16OZ	5.57
J75-1021	A) CLUB HAMMER 1800G (4 LB)	8.86	N70-7653	G) SOFT GRIP BYPASS PATTERN SECATEURS (215MM)	4.53
J75-2775	B) CLUB HAMMER SHOCKSAFE 2.1/2LB	24.29	N70-2543	H) ANVIL LOPPERS 760MM	21.63
J75-2789	B) CLUB HAMMER SHOCKSAFE 4LB	26.35	N70-7652	I) TREE PRUNER WITH TELESCOPIC HANDLE	32.91
J75-1587	C) CLUB HAMMER FIBREGLASS HANDLE 4 LB	12.49	S00-2713	J) PRESSURE WASHER 2 LITRE	4.97
J75-1586	C) CLUB HAMMER FIBREGLASS HANDLE 2.5LB	10.59	S00-2739	K) PUMP ACTION SPRAYER 5 LITRE	20.85
J75-1588	D) SLEDGE HAMMER FIBREGLASS HANDLE 10LB	32.70	S00-2738	L) ELITE DUST SUPPRESSION WATER BOTTLE CONTAINER	36.72
J75-2771	D) SLEDGE HAMMER SHOCKSAFE 7LB	43.00	S00-2740	M) GLORIA 410T 10 LITRE 6 BAR PRO LINE HIGH PERFORMANCE SPRAYER	341.19
J75-2772	E) SLEDGE HAMMER SHOCKSAFE 10LB	47.23			
J75-2773	E) SLEDGE HAMMER SHOCKSAFE 14LB	54.90			
J75-2790	F) CLAW HAMMER SHOCKSAFE 20OZ	18.85			

HAND BRUSHES



PART NO.	DESCRIPTION	PRICE
R83-1053	A) 1" PAINT BRUSH	1.58
R83-1054	A) 1½" PAINT BRUSH	2.10
R83-1055	A) 2" PAINT BRUSH	2.37
R72-1007	B) 10" DUSTING BRUSH	1.65
R00-3007	C) BRUSH SASH TOOL 6A	1.84
R16-1071	D) BRUSH WIRE NO 1	2.10
S83-3680	E) BRUSH WIRE NO 2	3.91
S83-0894	F) BRUSH GUTTER	1.50
R99-7383	G) 1/2" CLEANING / APPLICATION BRUSH	1.81
S00-2707	H) STIFF BASSINE HAND BRUSH 275MM (11IN)	2.01
S00-2710	I) TURKS HEAD BRUSH (TAR BRUSH)	3.08

BRUSHES AND BROOMS



PART NO.	DESCRIPTION	PRICE
S00-1231	A) 10" SOFT BROOM	2.18
S00-1222	B) BASS BROOM	4.48
S00-9009	REPLACEMENT HEAD FOR BASS BROOM	2.68
S00-9010	REPLACEMENT HANDLE FOR BASS BROOM	2.07
S00-1250	C) DUSTPAN & BRUSH	1.18
S00-1462	D) 18" PLATFORM BROOM	5.06
S00-1928	E) GRABBER / LITTER PICKER 940MM	25.57

REFUSE, SAND, DRY AND HAZARDOUS WASTE BAGS



PART NO.	DESCRIPTION	PRICE	PART NO.	DESCRIPTION	PRICE
S83-3183	A) SANDBAGS HESSIAN (EACH)	0.44	S26-1927	D) HAZARDOUS WASTE DISPOSAL BAGS & TIES PK10	27.97
S83-2792	B) DRY BAG 20 LITRE	8.50	R02-1396	E) HEAVY DUTY REFUSE SACKS BLACK (ROLL OF 10)	2.02
S83-2791	C) DRY BAG 30 LITRE	14.78			

BUCKETS, TUBS, WATER CONTAINERS



A



B



C



D



E



F



H



G

PART NO.	DESCRIPTION	PRICE
S83-0922	A) BUCKET GALVANISED (12L)	6.26
S00-1466	B) BUCKET RUBBER TEX (12L)	4.28
S00-1224	C) BUCKET PLASTIC (14L)	1.18
S00-0693	D) BUCKET FOLDING (14L)	4.15
S00-6551	E) BUCKET FOLDING (26L)	7.16
S00-6552	F) BUCKET FOLDING (38L)	9.22
S00-1252	G) WATER CONTAINER (10L)	5.27
S00-2741	H) WATER CONTAINER (25L)	7.06

CIVILS & SITE EQUIPMENT

DUSTBIN PLASTIC

Plastic dustbin complete with lid.



PART NO.	DESCRIPTION	PRICE
S00-1191	PLASTIC DUSTBIN	14.65

WHEELBARROW

General purpose 85 litre heavy duty press pan wheelbarrow supplied with 16 x 4 inch pneumatic wheel.



PART NO.	DESCRIPTION	PRICE
S00-1115	WHEELBARROW 85 LITRE	44.00

METAL DETECTOR GSM I 20 BOSCH

- As used by leading telecom utilities
- Reliable and calibration free
- Detection depth metal up to 12cm, live wire up to 5cm
- Dynamic automatic zoom scale for precise detection of objects with centre finder function
- 3 colour LED ring for added safety
- Audible alarm gives additional warning
- Back light display
- Supplied with 9v 6LR61 battery, hand strap and protective bag



BOSCH

PART NO.	DESCRIPTION	PRICE
P09-0694	METAL DETECTOR GSM I 20 BOSCH	59.68

3-IN-1 DETECTOR STUD METAL & LIVE WIRE

The detector can be used to detect and locate wooded studwork, metal and AC voltage, providing a clear indication of concealed objects using the LED and buzzer indicator system. A marking groove is also provided at the top of the detector so that the surface can be marked prior to any drilling, nailing or screwdriving.

Approximate detection depths:

Stud mode: Wood stud of 30x30mm: ≤14mm.
Metal mode: Iron pipe of dia. 25mm: ≤25mm.
AC mode: Typical depth of 50mm for 90-250V at 50-60Hz.

Technical Specs

Approximate detection depths:
Stud mode: Wood stud of 30x30mm: ≤14mm.
Metal mode: Iron pipe of dia. 25mm: ≤25mm.
AC mode: Typical depth of 50mm for 90-250V at 50-60Hz.



PART NO.	DESCRIPTION	PRICE
C00-2020	3-IN-1 DETECTOR STUD METAL & LIVE WIRE	21.10

LASER MEASURERS

A) Bosch GLM30 Distance Measurer

Has a 0.15- 30 metre range with touch button operation and illuminated readings as well as fitting easily into your pocket.

Dimensions:
105 x 41 x 24mm
with a weight of 100g.

Requires 2 x 1.5 V LR03 (AAA).

B) Bosch GLM 50C 0.05-50m Laser Distance Measurer (LDM)

With direct digital transfer of measuring results via Bluetooth & USB. Automatic storage of the last 30 measured values and one constant. Protective bag included.

Dimensions:
106 x 45 x 24mm
with a weight of 100g

Requires 2 x 1.5v AAA-size batteries included.

C) Bosch GLM80 0.05-80.00m Rechargeable Laser Distance Measurer

With direct digital transfer of measuring results via Bluetooth & USB. Automatic storage of the last 30 measured values and one constant.

Protective bag and charger included.

Dimensions:
111mm x 51mm x 30mm

Weight 0.14kg.

BOSCH

PART NO.	DESCRIPTION	PRICE
P09-5278	A) BOSCH GLM 30 LASER MEASURE	83.43
P09-3495	B) BOSCH GLM 50 C LASER MEASURE	149.63
P09-5280	C) BOSCH GLM 80 LASER MEASURE	195.30

A



B



C



MEASURING WHEELS

A) Bosch GWM 32 Measuring Wheel

The lightweight, GWM3L handy measuring wheel 0-9999.99m with ergonomic pistol grip telescopic shaft, and lightweight aluminium construction for ease of use.

- Wheel diameter (circumference) 318.5 mm (1 m)
- Max. measured value 9999.99 m
- Handle Telescopic handle
- Material Aluminium
- Measurement accuracy 1 dm/100 m
- Overall Length 1090mm
- Weight 1.4kg



B) Bosch GWM 40 Measuring Wheel

The heavy duty GWM40 measuring wheel 0-9999.99m for jobsite use featuring a simple foldable handle for ease transport, 6-digit counter, easy-to-read and impact-resistant, pushbutton reset and wheel stand.

- Wheel diameter (circumference) 389.1 mm (1.22 m)
- Max. measured value 9999.99 m
- Handle Folding
- Measurement accuracy ± 5 cm/100 m
- Wheel stand
- PTB certified
- Weight 3.3kg



C) Trumeter Measuring Wheel

The original Trumeter 0-99999.9 metres Measuring Wheel with folding handle, retractable stands and quick release brake.

Precision 1 metre circumference measuring wheel. Easy view 7mm high 6 digit resettable counter reading up to 99999.9 metres. Supplied complete with retractable stand and quick release brake. Handle folds for storage in carry bag supplied.



PART NO.	DESCRIPTION	PRICE
P09-5281	A) BOSCH GWM 32 MEASURING WHEEL	78.74
P09-5282	B) BOSCH GWM 40 MEASURING WHEEL	103.36
S00-1264	C) TRUMETER MEASURING WHEEL	120.86

TARMAC GAUGE 1 METRE

Updated to meet current standards of compliance the Tarmac Gauge ensures reinstatements are within tolerance and that ground movement has not crowned or sunk. Used by Councils and Utilities, the units come complete with their own carry case.



PART NO.	DESCRIPTION	PRICE
K70-1692	TARMAC GAUGE 1 METRE	283.25

REINSTATEMENT DEPTH GAUGE

Used to complete quick and easy compliance checks of reinstatement after backfill activities are completed. Correct reinstatement depths for footpaths and carriageways.



PART NO.	DESCRIPTION	PRICE
K70-1691	REINSTATEMENT DEPTH GAUGE	55.78

SLUMP CONE AND ROD

Concrete slump cone and rod used for the measurement of consistency and workability of fresh concrete.

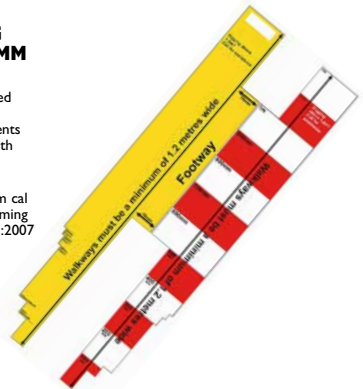


PART NO.	DESCRIPTION	PRICE
S83-2756	SLUMP CONE AND ROD	38.99

TRENCH MEASURING STICK 1200MM X 195MM

1200mm Two sided trench measuring stick with increments for measuring depth of trenches up to 1200mm.

Manufactured from cal (hitac) and conforming to BS EN 12899-1:2007



PART NO.	DESCRIPTION	PRICE
S00-1798	TRENCH MEASURING STICK 1200MM X 195MM	44.63

MILLS MEASURING WHEEL

Ideal for the precision measurement of roads, pavements or land up to a distance of 9999.9 metres. This distance measuring surveyors wheel has a folding handle with retaining clip making easy to store, and further benefits a quick retractable foot stand.

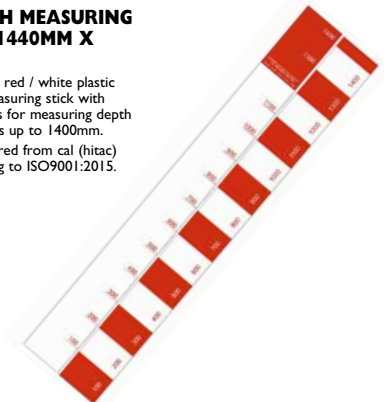


PART NO.	DESCRIPTION	PRICE
S00-6671	MILLS MEASURING WHEEL	39.95

TRENCH MEASURING STICK 1440MM X 135MM

Two sided red / white plastic trench measuring stick with increments for measuring depth of trenches up to 1400mm.

Manufactured from cal (hitac) conforming to ISO9001:2015.



PART NO.	DESCRIPTION	PRICE
K70-1689	TRENCH MEASURING STICK 1440MM X 135MM	44.63

MILLS GROUNDSHEET CARRIAGEWAY BOX

Hi-vis ground sheet tailored in size to be used with all popular 'JRC' and 'JUF' Carriageway Boxes.

The sheet measures 2.1m x 1.5m and is manufactured from hi visibility PVC backed Polyester offering a strong, dry and durable membrane for the operator as well as saving the need for numerous sheets along each side of a pit.



PART NO.	DESCRIPTION	PRICE
S83-6621	CARRIAGEWAY GROUNDSHEET	13.34

A) SPOIL SHEET

A general purpose heavy duty spoil sheet. Square, double skin 2.1m.

B) SHEET CANVAS

Typically used during jointing type work, lightweight canvas sheet, 5' 9" x 5'. Does not drip when wet. Five eyelets fitted on one side.

C) SHEET WATERPROOF 1

General purpose waterproof sheet size 5' x 4' 2".

D) SHEET WATERPROOF 2

Canvas sheet (22oz/sq.yd), size 6' 6". For general outdoor use. Fitted with eight eyelets around perimeter of sheet.

E) TARPULINS

General purpose tarpaulins available in 2 sizes.

F) DUST SHEETS

General purpose dust sheet. 3.5 x 2.75m approximately.

G) WORK AREA PROTECTION MAT

An 80 x 150cm mat with a liquid repellent backing to increase protection in the event of a spillage.

H) DUST SHEET -PREMIUM COATED 3.6 X 2.7M (12' X 9')

Premium dust sheet- Close-weave 100% cotton with polyethylene backing.



PART NO.	DESCRIPTION	PRICE
S83-0702	A) SPOIL SHEET	102.35
S83-0701	B) SHEET CANVAS	30.64
S83-0699	C) SHEET WATERPROOF 1	20.95
S83-0700	D) SHEET WATERPROOF 2	59.79
S00-1470	E) TARPAULIN 3.5 x 5.0M	8.55
S00-3600	E) TARPAULIN 6.0 x 8.0M	21.63
S00-1251	F) DUST SHEETS 3.5 x 2.75M	7.73
S00-4729	G) WORK AREA PROTECTION MAT	8.28
S00-2793	H) DUST SHEET - PREMIUM COATED 3.6 X 2.7M (12' X 9')	11.39

A) MILLS FISHING UMBRELLA AND CLAMPS

Dual action large umbrella, ideal for joiners working at cabinets This fishing style dark green umbrella is supplied with a sleeve cover and integrated carry strap –extended 20mm handle length collapsed 108cm- extended height 1.9m.



B) SUCTION UMBRELLA CLAMPS (PAIR)

Ideal for work on street cabinets, this umbrella clamp consisting of two suction clamps with support tubes. The umbrella simply fits into the tubes and the clamps attach to a smooth surface such as the side of a street cabinet. For use with the Mills umbrellas (S00-3573).



PART NO.	DESCRIPTION	PRICE
S00-3573	A) FISHING UMBRELLA	17.17
S00-3574	B) UMBRELLA CLAMP (PAIR)	22.73

HEAVY DUTY FULLY NON-CONDUCTIVE UMBRELLAS

Made from a heavy duty 350g translucent PVC reinforced cover material that is 100% waterproof and flame retardant (BS7837:1996) these umbrellas have no metal parts and are fully non-conductive being constructed of fibreglass. Available in two sizes: 1.8m (6ft) and 2.4m (8ft) both with or without side curtains



PART NO.	DESCRIPTION	PRICE
S00-6710	A) HEAVY DUTY UMBRELLA 1.8M 6FT	178.57
S00-6711	B) HEAVY DUTY UMBRELLA + SIDE CURTAINS 1.8M 6FT	307.14
S00-6712	A) HEAVY DUTY UMBRELLA 2.4M 8FT	242.86
S00-6713	B) HEAVY DUTY UMBRELLA + SIDE CURTAINS 2.4M 8FT	385.52

NON-CONDUCTIVE UMBRELLAS

Made from a white 4oz flame retardant (BS7837:1996) polyester material with a fibreglass centre pole. Available with or without detachable zipped side curtains. Size: 1.8M (6ft).



PART NO.	DESCRIPTION	PRICE
S00-6714	A) ECONOMY UMBRELLA 1.8M 6FT	116.76
S00-6715	B) ECONOMY UMBRELLA WITH SIDE CURTAINS 1.8M 6FT	238.62

A) HEAVY DUTY UMBRELLA NON-CONDUCTIVE SQUARE 1.2M 4FT

Fully non-conductive, heavy duty square umbrella with translucent PVC canopy and telescopic fibre glass handle.

Features:

- Canopy: 1.2 x 1.2m
- Translucent PVC
- Telescopic Handle: 1.35 – 2 metres
- Handle material: Fibre glass
- Flame retardant
- Fully non-conductive

Available with or without detachable zipped curtains.

Umbrella bases are for illustration only.



PART NO.	DESCRIPTION	PRICE
S00-2871	A) SQUARE UMBRELLA NON CONDUCTIVE	179.74
S83-3265	B) SQUARE UMBRELLA NON CONDUCTIVE WITH SIDE CURTAIN	335.48

UMBRELLA CLAMPS

A) An 'L' shaped clamp which quickly fixes to the Mobra frame. The umbrella clamp accepts most umbrellas with a stock of 18-34mm.

B) A universal umbrella clamp suitable for telecoms work. It can affix to almost any surface giving the perfect angle for coverage every time. G-clamp design featuring a ball joint for variable surface angles with 360 degrees rotation in positive locking increments.

C) An umbrella clamp specifically designed for use with telecoms street cabinets. Its unique design means the clamp is fixed over and across the cabinet roof. It has an adjustable depth feature allowing it to be used with all the varying depth street cabinets that are commonly found in the UK.



PART NO.	DESCRIPTION	PRICE
S83-7625	A) MILLS MOBRA ARM CLAMP	92.65
S00-6716	B) UNIVERSAL UMBRELLA CLAMP	123.55
S00-4876	C) STREET CABINET UMBRELLA CLAMP	271.54

MILLS D DOOR QUICK ERECT TENT

A quick erect jointers tent, ready to use in just 10 seconds. D door versions are the preferred choice for telecommunications use as they are easily able to fit over most street enclosures.

This D door version measures 180 x 180 x 200cms, weighs just 8kg and can be quickly packed away into the supplied carry bag. Packed dimensions 145 x 40 x 40cm.

Manufactured from flame resistant fabric meeting CPAI-84 specifications.

Features:

- 1.8m (L) x 1.8m (W) x 2m (H)
- Weight 8kg
- Folded 135cm x 19cm x 19cm
- Fibreglass Rod diameter 10mm
- Walk in height 1.6m
- Flame retardant – CPAI-84
- 10 second easy assembly
- Non-conductive
- PU coated Polyester Cover
- 3 zip front doors
- 2 zip Rear door
- Rear hook and loop access
- Side mesh covered vents zipped x 2
- Guy lines & tent pegs
- PVC Heavy-duty Storage bag



PART NO.	DESCRIPTION	PRICE
S00-0949	MILLS D DOOR QUICK ERECT TENT	199.95

TELECOMS JOINTERS TENTS

Heavy duty telecommunication quick erect tents ready for use in 10-15 seconds, manufactured from 350gms translucent PVC reinforced flame retardant (BS7837:1996) material that allows natural light through into the work area. The tent is supplied with 3 guy lines & tent pegs in a heavy duty storage bag. Available in three sizes 1.8m² x 2.0m tall, 2.1m² x 2.0m tall and 1.0m² x 1.8m tall.

- A) Dimensions: (folded in storage sack): 1.45 x 0.35 x 0.35m. Weight: 14kg
- B) Dimensions: (folded in storage sack): 1.50 x 0.25 x 0.25m. Weight: 19kg
- C) Dimensions: (folded in storage sack): 1.05 x 0.25 x 0.25m. Weight: 8.5kg

Alternative sizes and configurations of these tents are available upon request and include: your company's logo branding, internal guide rope, rear door access, windows, additional zips, hi visibility safety stripes and ballast bags. Please call sales with your requirement.

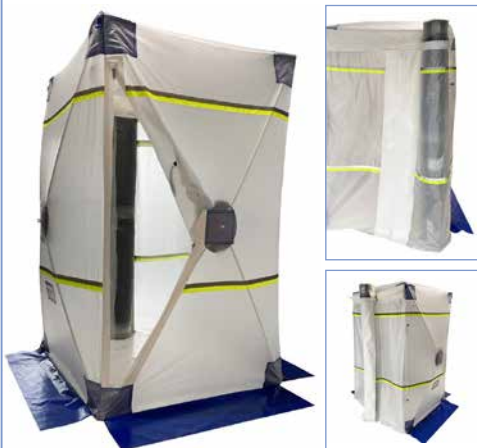


PART NO.	DESCRIPTION	PRICE
S00-6750	A) TELECOMS JOINTERS TENT 1.8 x 1.8 x 2.0M	712.86
S00-6749	B) TELECOMS JOINTERS TENT 2.1 x 2.1 x 2.0M	675.15
S00-6952	C) TELECOMS JOINTERS TENT 1.0 x 1.0 x 1.8M	815.38

JOINTER'S POLE TENT

Designed in association with leading telecom contractors to assist with the BDUK fibre roll out programme, allowing engineers to complete time dependant jointing and inspection work during wet and windy conditions - ensuring projects are delivered on time, profitably, whatever the weather. The tent can be erected in less than 15 seconds and be completely operational and secured to a pole within 3 minutes. Utilising a 5 piece zip door with Velcro strapping, the tent offers left, central and right positioning to suit most pole sites.

Erect dimensions: 120cm x 120cm with a height of 210cm



PART NO.	DESCRIPTION	PRICE
S83-5974	JOINTER'S POLE TENT	1185.71

MILLS UNIVERSAL ADJUSTABLE ELASTICATED STREET CABINET COVER

Made from heavy weight reinforced PVC with elasticated hem and adjustable to 2 sizes. The cover fits over 90% of all cabinets including Dslam. It can be fitted on the cabinet in under 2 minutes. Lightweight, weighing just under 3kg with very few component parts. Can be easily adjusted to fit smaller cabinets. The clamping pole mechanism allows access to single door cabinets without the use of barriers. Easy to fit and use.



PART NO.	DESCRIPTION	PRICE
S83-7427	MILLS UNIVERSAL ADJUSTABLE ELASTICATED STREET CABINET COVER	154.45



JOINTERS TENTS 12A

Traditional aluminium framed jointers tents with robust cover manufactured from flame retardant BS7837:1996 translucent 350gms PVC, allowing the maximum natural light into the tent as possible.

The tent has a zip fastened down at the centre of both ends. The construction ensures quick assembly, normally within approx. 2-3 mins.

The jointers 12A tents are available in a standard size 1.2(l) x 1.5(w) x 1.8(h) metre for normal applications and also an extra wide 1.2m(l) x 2m(w) x 1.8m(h) version for G.Fast cabinet application.

A) Joints Tent 12A – for standard jointing application.

1.2(l) x 1.5(w) x 1.8(h) Folded dimensions 120cm(l) x 23cm(w) x 80cm(h) -weight 20kg.

B) Joints G.Fast Tent 12A for use with G.Fast street cabinets.

(Wider than the Tent 12A Joints tent S83-0783). 1.2m(l) x 2m(w) x 1.8m(h) Folded dimension– 1.2m(l) x 0.3m(w) x 1.0m(h)- weight 21.5kg.



PART NO.	DESCRIPTION	PRICE
S83-0783	A) JOINTER TENT 12A – FOR STANDARD JOINTING APPLICATIONS	569.93
S00-2872	B) JOINTER G.FAST TENT 12A FOR USE WITH G.FAST STREET CABINETS	597.40

G.FAST TENTS

Quick erect specialist G.Fast tents with robust cover manufactured from flame retardant BS7837:1996 translucent 350gms PVC, allowing the maximum natural light into the tent as possible.

The tent has a rear twin zip access. These tents have non conductive fibre glass frames and are supplied with 3 x external Guy lines & Tent pegs as well as 4 x internal Guy lines. The G.Fast tents collapse down to 140cm x 30cm and are supplied with a compact carrying bag.

Available in two sizes:

A) G.Fast Tent 125cm (l) x 200cm (w) x 200cm.

B) G.Fast Tent 125cm (l) x 190cm (w) x 153cm.



PART NO.	DESCRIPTION	PRICE
S00-2873	A) G.FAST SPEED TENT 1.25M X 2M X 2M	651.99
S00-2880	B) G.FAST SPEED TENT 1.25M X 1.9M X 1.53M	693.53

FIBRE OPTIC WORK TENTS

Manufactured from 500gms PVC reinforced FR material.

Quick erect extra heavy duty tents with robust cover manufactured from 500gms flame retardant BS7837:1996 translucent 350gms PVC, allowing the maximum natural light into the tent as possible, making them ideal for fibre jointing.

The tent has a rear twin zip access. These tents have non conductive fibre glass frames and are supplied with 3 x external Guy lines & Tent pegs.

Available in two sizes:

A) Fibre Optic Work Tents 200cm (l) x 200cm (w) x 200cm

B) Fibre Optic Work Tents 250cm (l) x 250cm (w) x 200cm



PART NO.	DESCRIPTION	PRICE
S00-2881	A) FIBRE OPTICS WORK TENT 2.0M X 2.0M X 2M	674.99
S00-2882	B) FIBRE OPTICS WORK TENT 2.5M X 2.5M X 2M	803.40

STOOL FOLDING

The Mk2 Jointers Stool has been designed in conjunction with a major UK telecom utility and reflects the changing height and weight of the average adult jointer and is an upgraded version of the traditional 'Stool Folding'. The stool is tested to 150kg.

Height 39cm with a seat size of 40cm x 28.5cm



PART NO.	DESCRIPTION	PRICE
S13-4455	STOOL FOLDING JOINTERS MK2	19.61

MILLS SPLICEMATE PORTABLE SPLICER'S TABLE & TRIPOD

Comprising an edged tray and fully adjustable tripod, the Splicemate is the ideal solution for both field and exchange engineers. The tray is manufactured from 2mm steel plate and measures 400mm deep x 500mm wide and screw directly onto a professional grade tripod weighing less than 1.8kg and able to extend from a closed height of 43cm to a maximum height 146cm. In addition the tripod is supplied with an S Hook to allow it to be weighted with a 5kg traffic bag (S00-6725).



PART NO.	DESCRIPTION	PRICE
S83-1857	MILLS SPLICEMATE PORTABLE SPLICER'S TABLE & TRIPOD	208.73

FIBRE OPTIC SPLICERS CHAIR

Manufactured from heavy duty 25mm steel tube this quick fold chair has a 135kg (300lb) rating. The chair features a convenient side tray with cup holder, fabric storage / organiser system and is ideal for outdoor fibre splicing or cabinet work. Fibre tools and consumables are shown for illustrative purposes and are not included.

- Size: 48 x 34 x 86 (WxHxD)
- Weight: 6.16kg



PART NO.	DESCRIPTION	PRICE
S00-6995	FIBRE OPTIC SPLICERS CHAIR	53.51

PRO FLIP-TOP WORKBENCH

Heavy duty, professional workbench with rigid, square section steel frame. Large work surface with two 605 x 120mm work tops.

Adjustable table tops can be angled at 0°, 45° or 90°

- 150kg max load.
- Weight: 6.34kg
- Requires assembly



PART NO.	DESCRIPTION	PRICE
S83-0754	PRO FLIP-TOP WORKBENCH	22.94

FIBRE OPTIC SPLICER'S TABLES

Portable splicing tables, lightweight, with a sturdy and durable frame, available in square and rectangular options

A) Rectangular fibre optic splicer's table dimensions

Open size: 120 x 80 x 70 cm (W x D x H)

Folded size: 1200 x 80 x 6 cm (W x D x H)

Frame: Aluminium. Weight: 5.2 kg

B) Square fibre optic splicer's table dimensions

Open size: 80 x 80 x 70 cm (W x D x H)

Folded size: 80 x 80 x 6 cm (W x D x H)

Frame: Aluminium. Weight: 3.9 kg



PART NO.	DESCRIPTION	PRICE
S00-6997	A) FIBRE OPTIC SPLICER'S TABLE RECTANGULAR	89.16
S00-6996	B) FIBRE OPTIC SPLICER'S TABLE SQUARE	94.29

FOLDING WORKSTATION

A heavy duty foldable steel framed work bench, ideal for fibre splicing, which can be set up in seconds giving a working height of 755mm and able support up to 180kg.

The workbench is supplied with 2 x 300mm (12") clamps as standard which can be used for horizontal and vertical clamping.

Bench measures 850mm L x 550mm W with a weight of 12.25kg

Fold flat storage size: 850 x 550 x 115mm.



PART NO.	DESCRIPTION	PRICE
S83-2711	FOLDING WORKSTATION	69.95

MULTI-ANGLE VICE - 75MM (3IN) JAW

The multi-angle vice with 75mm (3") jaw width, features a ball joint which allows you to rotate your project a full 360° and lock it at any angle. The vice is supplied with removable rubber jaws and has a large C-clamp mount allowing it to be clamped to work surfaces up to 60mm (2.3/8in) thick
Jaw capacity: 75mm (3in).
Dimensions:
21 x 20.5 x 7.5cm



PART NO.	DESCRIPTION	PRICE
N70-2901	MULTI-ANGLE VICE - 75MM (3IN) JAW	20.55

BOSCH MOBILE WORKBENCH

A portable lightweight bench with scratch resistance wooden work surfaces, a vice that runs the full length of the bench and, for round and awkward shapes, there are clamping jaws that fit onto the working surface. There is storage for small items under the worktop. The top is 680mm x 550mm. Height 834mm, load capacity 200kg, weight 11.6kg. Supplied with 4 clamping jaws.



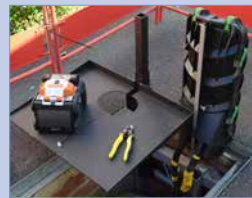
PART NO.	DESCRIPTION	PRICE
S00-7256	BOSCH MOBILE WORKBENCH	128.73

POLEMATES AND PITMATES

The Polemate and Pitmate range of products and accessories have been specifically designed in conjunction with telecom engineers to assist field operational staff with the installation of telecommunication equipment. The Polemate system comprises a pole-mounting base unit to which splicing trays and cable reel stands can quickly and easily be attached providing a stable platform whilst on site.

The Pitmate system comprises an adjustable bracket which can be fixed easily to the Mobra frame to which splicing trays and cable reel stands can quickly and easily be attached providing a stable platform whilst on site.

Both are available as complete kit or component form as shown below.



A) MILLS POLEMATE KIT

Kit comprises:

- S83-7622 Base Unit
- S83-7623 Rubber Wedge Spacers Pk3
- S83-7629 Splicer's Work Tray
- S83-7624 CBT Arm
- S83-9327 Complete Kit



B) MILLS PITMATE KIT

Kit comprises:

- S83-7629 Splicer's Work Tray
- S83-7626 Mobra Arm Bracket
- S83-7624 CBT Arm



C) MILLS POLEMATE BASE UNIT

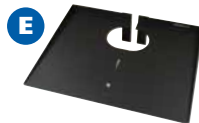
The foundation of the Polemate system is this Polemate Base Unit which comprises a 50mm wide x 1200mm long webbing ratchet strap and a pole back plate, which can be simply ratcheted to the desired height on the pole.



D) MILLS POLEMATE BASE UNIT WITH SPLICER'S WORKTRAY

This kit contains a 50mm wide x 1500mm long webbing strap with back plate, splice table with slicer tripod fixing 508mm x 408mm.

Strap Dimensions: 50mm width x 1500mm in length.
Splice Tray: 508mm width x 408mm depth x 2mm thickness.
Total weight 5.2Kg



E) SPLICER'S WORK TRAY

A purpose made splicers tray that simply slots into the S83-7622 Polemate Base Unit providing a firm work support for both joint, splicer, cleaver and associated tools.

Dimensions: Width 508mm x Depth 408mm x Thickness 2mm.



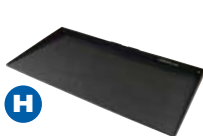
F) MOBRA ARM BRACKET

An adjustable bracket which can be fixed easily to the Mobra frame. The bracket can be adjusted to 6 different heights by use of the captive pin in 80mm increments, starting from a minimum height of 150mm to a maximum of 550mm.



G) CBT ARM

A specialist 500mm long bracket for use in the installation and controlled de-reeling of CBT Cable Reel Assemblies up to a diameter of 830mm. The CBT Arm System allows the reel to be unreeled in a controlled manner due to the interference fit of the spindle flanges.



H) GENERAL WORKING TRAY

Easily slipped into the S83-7622 Mills Polemate Base Unit Bracket providing a firm work support for general service and maintenance applications. Dimensions: 508mm x 258mm



I) RUBBER WEDGE SPACER PK3

Pack of 3 wedge-shaped rubber spacers which can be used to prevent compression marks and avoid damage to vertically routed copper cables. Dimensions: Length 100mm x Width 50mm wide x Thickness 15/30mm.



J) UMBRELLA CLAMP FOR MOBRA FRAME

An 'L' shaped clamp which quickly fixes to the Mobra frame. The umbrella clamp accepts most umbrellas with a stock of 18-34mm.

PART NO.	DESCRIPTION	PRICE
S83-9327	A) MILLS POLEMATE KIT	228.20
S83-9326	B) MILLS PITMATE KIT	273.88
S83-7622	C) MILLS POLEMATE BASE UNIT	34.97
S83-6958	D) MILLS POLEMATE BASE UNIT WITH SPLICERS WORKTRAY	102.95
S83-7629	E) MILLS POLEMATE / PITMATE SPLICER'S WORK TRAY	67.98
S83-7626	F) MILLS PITMATE MOBRA ARM BRACKET	99.95
S83-7624	G) MILLS POLEMATE / PITMATE CBT ARM	102.95
S83-7431	H) MILLS POLEMATE / PITMATE GENERAL WORKING TRAY	41.15
S83-7623	I) MILLS POLEMATE RUBBER WEDGE SPACER PK3	22.30
S83-7625	J) MILLS PITMATE UMBRELLA CLAMP FOR MOBRA FRAME	92.65

CIVILS & SITE EQUIPMENT



MILLS PUMP SUBMERSIBLE 3A

A submersible pump designed for pumping out clean water from telecommunication boxes, pits and chambers.

The Mills 2" (50mm) 110 volt 450w pump weighs just 11kg and can raise water from 11 metres at 250 litres per minute.

The Mills 3A Submersible pump can be submerged to a depth of 5 metres and is supplied with a float switch which allows the pump to automatically stop once the chamber has been drained.

As a package the pump is supplied with 15 metres of 2" (50mm) lay flat hose 3A complete with associated fittings.

Height: 28.5 x 27.5 x 36.5cm - Weight 13kg.

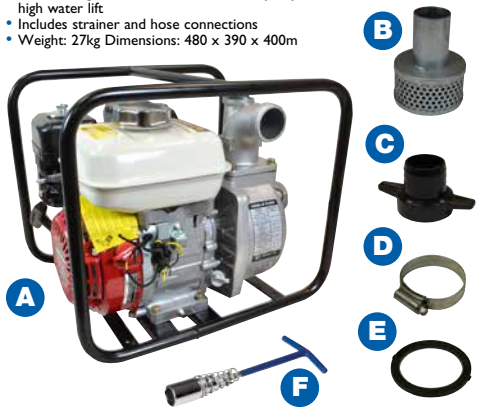


PART NO.	DESCRIPTION	PRICE
S83-1612	MILLS PUMP SUBMERSIBLE 3A	247.15

PUMP PORTABLE 2" AND ACCESSORIES

Surface type water-pump 2". Suction and Outlet Hoses to be ordered separately. 4 stroke petrol engine 2" water pump housed in a robust carrying frame.

- Peak pump rate 550 litres per minute
- Suction height 8 metres, 26 metre max pump head to enable high water lift
- Includes strainer and hose connections
- Weight: 27kg Dimensions: 480 x 390 x 400m



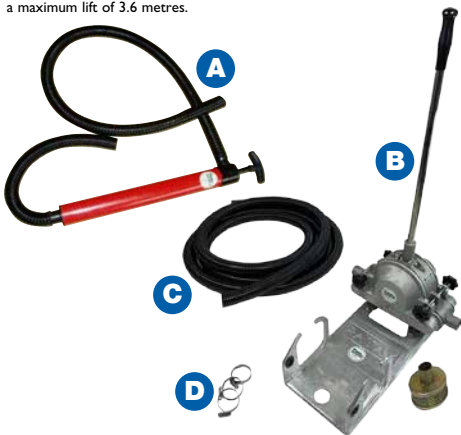
PART NO.	DESCRIPTION	PRICE
S83-3249	A) PUMP PORTABLE 2"	387.60
S83-2985	B) FILTER	14.27
S83-2986	C) HOSE CONNECTOR	17.68
S83-2987	D) CLIPS	2.11
S83-2988	E) RUBBER SEALS	1.90
S83-2989	F) PLUG TOOL AND BAR	7.16

A) PUMP UTILITY BAILER

For emptying spaces such as inspection chambers. The short inlet hose and longer discharge hose make this a useful and economical transfer pump.

B) PUMP HAND NO 1

A lightweight hand operated pump used to extract water from joint boxes. It has a maximum output of 1 litre per complete stroke at 2 metre lift, with a maximum lift of 3.6 metres.



PART NO.	DESCRIPTION	PRICE
S83-0710	A) PUMP UTILITY BAILER	23.39
S83-3547	B) PUMP HAND NO 1	468.65
S83-3548	C) HOSE FOR PUMP HAND NO.1	8.14
S83-3549	D) JUBILEE CLIP FOR PUMP HAND NO.1	4.07

A) HOSE LAY-FLAT 3A

Lay-flat Hose, 15m length supplied. For use with Pumps submersible 3A & 4A and Pump Portable 2". Cut to length, price dependent on length required.

B) HOSE SUCTION 2A

Suction Hose for use with Pump Portable 2". 5m length typically required. Cut to length, price dependent on length required.



PART NO.	DESCRIPTION	PRICE
S83-2984	A) HOSE LAY-FLAT 3A - LENGTH 15M	26.91
S83-2983	B) HOSE SUCTION 2A - LENGTH 5M	30.23

SENCI PETROL GENERATORS

Senci Petrol Generators have a tough and lightweight design making them portable and easy to move to and from site. These low cost and low noise generators feature:

- Low oil alert shuts down engine automatically when low oil is detected.
- Easy-to-start Senci single cylinder petrol engines
- Circuit breaker cuts off electricity system when overloaded.
- AVR stabilizes the output power.
- Super strong original-designed fuel tank.
- Full closed control panel dustproof and water resistance. Portable compact safe aggressive appearance with open rugged durable frame, way to operate.
- Perfect performance with stable running up to 12.5 hours @ 50% load for home or commercial use.



Model	A) P57-6573	B) P57-2926	C) P57-2992
Engine Size	6.5HP	6.5HP	7.5HP
Starting System	Recoil	Recoil	Electric
Displacement	196cc	196cc	223cc
Rated Power	2KW	2.5KW	3.3KW
Maximum Power	2.2KW	2.8KW	3.8KW
Socket Outlets	1 x 115v 16A, 1 x 230v 16A	1 x 115v 32A, 1 x 230v 16A	1 x 115v 32A, 1 x 230v 16A
Fuel Capacity	15 Litres	15 Litres	15 Litres
Run Time	12.5H @ 50% Load	12.5H @ 50% Load	13.5H @ 50% Load
Noise Level	65dB @ 7M	65dB @ 7M	65dB @ 7M
Dimensions	475 x 475 x 595mm	625 x 490 x 510mm	625 x 490 x 510mm
Weights	42Kg	45Kg	50Kg

PART NO.	DESCRIPTION	PRICE
P57-6573	A) SENCi SC2500-11 GENERATOR	265.00
P57-2926	B) SENCi SC3250W-11 GENERATOR	350.19
P57-2992	C) SENCi SC4000-11 GENERATOR	463.49

FORD Q SERIES PETROL GENERATORS

Quality portable generators carrying the Ford name and featuring:

- 25mm Tubular Frames.
- Very portable and supplied with wheel sets.
- Single cylinder 4-stroke OHV, air cooled engine.
- Automatic Voltage Regulator (AVR).
- Low oil sensor.
- Digital 3-in-1 meter (Voltage / Frequency / Time).
- Circuit breakers.

Available in 3 and 6.5KW Versions as follows:



Model	A) P57-2917	B) P57-2920
Engine Size	7.0HP	15HP
Starting System	Recoil	Electric
Displacement	208cc	420cc
Rated Power	3KW	6.5KW
Maximum Power	2.8KW	6KW
Socket Outlets	2 x 115V 16A, 1 x 230v 16A	2 x 115v 32A, 1 x 230v 32A
Fuel Capacity	15L	25L
Run Time	15H @50% Load	13.5H @50% Load
Noise Level	72dB @7m	72dB @7m
Dimensions	610 x 450 x 490mm	700 x 680 x 680mm
Weights	45kg	86kg

PART NO.	DESCRIPTION	PRICE
P57-2917	A) FORD FG4650 Q SERIES PETROL GENERATOR	345.04
P57-2920	B) FORD FG9250E Q SERIES ELECTRIC START PETROL GENERATOR	715.85

ACCESSORIES

- A) 5 litre green plastic jerry fuel can for use with unleaded petrol.
- B) 5 litre black plastic jerry fuel can for use with diesel.
- C) Plastic funnel with brass gauze filter and removable plastic spout. Large 160mm diameter.
- D) Suitable for transferring petrol, diesel, water and other inert liquids.
- E) 5 litre green metal jerry fuel can for use with unleaded petrol weight empty 1.33kg.
- F) Plastic fuel can 5 litre (red).
- G) 10L metal petrol jerry can.
- H) Fixing kit for jerry can 10L.



PART NO.	DESCRIPTION	PRICE
S83-3681	A) 5 LITRE GREEN PLASTIC JERRY FUEL CAN - FOR USE WITH UNLEADED PETROL	5.17
S83-3682	B) 5 LITRE BLACK PLASTIC JERRY FUEL CAN - FOR USE WITH DIESEL	6.79
S26-0294	C) PLASTIC FUNNEL WITH BRASS GAUZE FILTER AND REMOVABLE PLASTIC SPOUT	4.30
S26-4814	D) HAND OPERATED SYPHON PUMP	13.34
S83-1694	E) 5 LITRE GREEN METAL JERRY FUEL CAN - FOR USE WITH UNLEADED PETROL	17.10
S00-2742	F) 5 LITRE RED PLASTIC FUEL CAN	4.84
S83-2743	G) 10 LITRE GREEN METAL JERRY FUEL CAN - FOR USE WITH UNLEADED PETROL	19.04
S83-2751	H) FIXING KIT FOR JERRY CAN 10L	37.03

9A FIBREVANE PETROL COMPRESSOR

The 9A Fibrevane is a well established and innovative compressor specially designed to deliver clean dry air for the installation of optical fibre and is the perfect partner for the F.I.G. Fibre Installation Gun and weighing just 25kg. The 9A has a portable, petrol engine driven rotary vane compressor, producing 70 l/min of pulse free treated compressed air at a working pressure of 10 bar and is powered by an extremely reliable Honda GX H 50.

The unit incorporates an integral air cooled aftercooler reducing the compressed air temperature to within 2 degrees C of ambient. A 3 stage filtration system provides technically oil free air.

Noise Compliant to EC Directive 2000/14/EC.

Output: 70 l/min.
Pressure: 10 bar

Dimensions: Length 580mm x
Width 345mm x Height 450mm

Weight: 25kg



PART NO.	DESCRIPTION	PRICE
S00-1537	9A FIBREVANE PETROL COMPRESSOR	1,995.00

KAESER MINI COMPRESSOR

Kaeser's baby compressor, especially suitable for contractors working on internal fibre blows where petrol compressors aren't an option. Ideal for distances less than 500m, the unit's special design enables easy single-handed manoeuvrability.

Flow Rate at 6 bar l/min: 113
Max Pressure Bar: 10
Rated Power Motor kW: 1.1
Sound pressure level * dB(A) 72
Power Supply: 230v AC
Dimensions: 610 x 350 x 570mm
Weight: 33kg



PART NO.	DESCRIPTION	PRICE
S83-2794	KAESER MINI COMPRESSOR	978.50

PLANT NAPPY

A) Plant Nappy sits under a huge range of machinery and hand-held equipment to absorb oil and fuels that prevents them from reaching the ground, protecting the environment. The Plant Nappy is supplied with a reusable liner allowing it to be reused time and time again.

Size: 1000 x 685mm
Absorbency: 4.5 litres
Weight: 2kg

B) Re-useable Plant Nappy
Medium liner for use with
S83-1544 Plant Nappy
Medium 1000 x 685mm.



PART NO.	DESCRIPTION	PRICE
S83-1544	A) PLANT NAPPY	315.52
S83-1556	B) RE-USEABLE PLANT NAPPY MEDIUM LINER	41.20

LAST MILE BLOWN AIR COMPRESSORS

This compact and lightweight compressor has been specifically designed to produce clean oil free dry air for fibre blowing applications and is the ideal partner for most small blowing machines. The lightweight 25kg compressors produce 9.5 CFM (80 l/min) of clean air at maximum pressure of 10 Bar (145 PSI).

The Last Mile Compressors have an efficient V twin oil-less compressor pump which can be powered by P3HP Suburu Petrol, with electric 240v or 110v options available.

9.5 CFM (80 l/min) of clean air at maximum pressure of 10 Bar (145 PSI).

Technical Specification:
Air Flow Rate 9.5 CFM (80 litre/min)
Maximum Pressure 145 psi (10 bar)
Noise Level 80 dB LpA / 94 dB LwA
Fuel Tank Capacity 3.5 Litre
Weight 25kg



PART NO.	DESCRIPTION	PRICE
S00-3790	PETROL LAST MILE COMPRESSOR	1,250.00
S00-4353	110V LAST MILE COMPRESSOR	1357.14
S00-1046	240V LAST MILE COMPRESSOR	1287.50

CLARKE CFP10H PORTABLE 5HP PETROL ENGINE DRIVEN COMPRESSOR

The Clarke CFP10H is powered by a reliable 5HP 4 stroke Honda petrol engine, and is an economy compressor ideal for powering smaller blowing machines. This unit can deliver 7 bars of pressure with an integrated air pressure relief valve/ gauge and utilises its frame as a 2.5 litre storage receiver. Features and Technical Specification:

Light weight, only 26kg
Honda 4 stroke petrol engine
Motor: 5HP Maximum working pressure: 7 Bar
Receiver capacity: 2.5L
Displacement: 9cm
Air Tank Volume: 2.5 Litres
Air flow approx 80 litres per minutes
Max Working Pressure: 101 psi
Engine: 5.0 HP
Dimensions
(L x W x H): 510 x 370 x 470mm



PART NO.	DESCRIPTION	PRICE
S00-4363	CLARKE PETROL COMPRESSOR	688.34

DRIP TRAYS

Manufactured from hard-wearing recycled polypropylene. Purpose-made for the recovery of oil and fluids, from drips that may occur whilst in storage or in the workshop. Available in two sizes:

- A) S83-2725 - 25 litre low profile drip tray - Dimensions: 1100 x 550 x 50mm
B) S83-2753 - 28 litre standard drip tray - Dimensions: 590 x 590 x 70mm



PART NO.	DESCRIPTION	PRICE
S83-2752	A) DRIP TRAY LOW PROFILE 25 LITRE	18.49
S83-2753	B) DRIP TRAY 59 X 59 X 7CM 28 LITRE	16.55

KAESER I.COMP 3 PORTABLE 240V

The I.Comp 3 Portable is the new compressor from KAESER delivering and maintaining oil free air at a rate of 160 l/min at 11 Bar, due to the new I Comp 3 control system.

This make the compressor the ideal solution for the vast majority of smaller fibre blowing machines.

- Motor Size: 1.5kW
- Maximum Operating Pressure: 11Bar
- Flow Rate at 6 bar: 160 L/min
- Noise Level: dB (A)
- Protection Rating: IP54
- Dimensions: 460 x 340 x 600mm
- Lightweight - only 25kg



PART NO.	DESCRIPTION	PRICE
S00-3507	KAESER I.COMP 3 PORTABLE 240V	1773.66

THE 6A BLOWN FIBRE COMPRESSOR

The 6A Blown Fibre Compressor is petrol engine driven rotary vane compressor producing 200 l/min of pulse free treated compressed air at a working pressure of 10 bar. It is powered by a Honda GX240QX OHV Petrol Engine and incorporates a 12V DC air cooled aftercooler reducing the compressed air temperature to within 2 degrees C of ambient. A 3 stage filtration system provides technically oil-free air.

The unit is also available with an optional 24V DC outlet socket for supplying the blowing head (other voltages available on request).

- Dimensions: 900mm length x 500mm width x 750mm height
- Weight: 85kg



PART NO.	DESCRIPTION	PRICE
S83-3626	THE 6A BLOWN FIBRE COMPRESSOR	5180.00

CIVILS & SITE EQUIPMENT

A) KAESER M17 PORTABLE COMPRESSOR

Versatile, reliable and easy to transport: This small large-capacity compressor takes up minimal loading space and, with its high-quality motor and extremely impact-resistant PE enclosure, it's ready for anything.

The 15-bar version is the ideal choice for trenchless laying of glass fibre cables or for leakage tests.

An external compressed air aftercooler can also be optionally connected to ensure a dependable supply of cool, condensate-free air at all times.

- Flow Rate: 1.0 m3/min or 35cfm
- Operating Pressure: 15 bar or 215 PSI
- Petrol Engine: Honda GX630
- Engine Rated Power: 15.5kW
- Fuel Tank Capacity: 20 Litres
- Operational Weight: 204kg



B) KAESER AFTERCOOLER FOR M17 COMPRESSOR

Aftercooler with additional microfilter for use with Kaeser M17 Compressor providing cool, condensate-free and oil-free compressed air.

PART NO.	DESCRIPTION
101-30011	A) KAESER M17 PORTABLE COMPRESSOR
101-30002	B) AFTERCOOLER FOR KAESER M17 PORTABLE COMPRESSOR

CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING

ROTAIR MDVN82KH PORTABLE COMPRESSOR

The high capacity Rotair MDVN82KH Portable Compressor with integral aftercooler and moisture trap is ideal for overflow applications delivering air at up to 8000 litre per minute at 14 bar (275CFM).

The compressor is portable with power supplied by the 2,400cc Kohler Diesel Engine.

Features and Technical Data

- Operating pressure: 7 bar 102 psi : 10 bar 145 psi : 14 bar 203 psi
- Free air delivery: 8000 l/min 282 cfm : 6400 l/min 226 cfm : 5000 l/min 177cfm
- Noise level EECno 2000/14 : < 98 LWA
- Fuel tank capacity : 92 lt - 20.24 UK gal
- Consumes : 9.3 lt/h - 2.05 UK gal/h (9.9 working hours)
- Length (with draw bar) - 3264mm
- Width - 1528mm
- Weight without brakes: 1386kg



PART NO.	DESCRIPTION
S00-1802	ROTAIR MDVN82KH PORTABLE COMPRESSOR

CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING



MILLS PORTABLE VENTILATOR 110V WITH 7.5M HOSE

The Mills Portable Ventilator is designed to provide a constant supply of clean fresh air into small confined spaces, such as manholes. It can even be used to extract non-flammable fumes too! This 200mm blower has a 165w 110v motor delivering an airflow rate of 1500 metres³ per hour (25 metres³ per minute) The unit is supplied complete with 7.5m of 200mm (8") diameter flexible ducting.

Dimensions:
282 x 328 x 248mm
Weight approx. 8.5kgs



PART NO.	DESCRIPTION	PRICE
S83-9334	MILLS PORTABLE VENTILATOR	154.45

INVERTER PURE SINE WAVE 200W

Ideal for use with TVs, preventing screen interference associated with non-isolated inverters. Pure sine allows any appliance that would normally run from domestic AC to run from this inverter.

Dual outlet with one UK 3 pin socket and one European style socket. Supplied with 1 metre cable fitted with a cigarette lighter plug and Euro to UK plug adaptor.

Wattage: 200w
Input: 12V DC 50Hz
Output: 220-240V
Dimensions: 210 x 190 x 85mm.
Weight: 1.4kg.
Formerly P99-4995



PART NO.	DESCRIPTION	PRICE
P89-9845	INVERTER PURE SINE WAVE 200W	122.57

240V ELECTRICAL EXTENSIONS

Made to BS5733



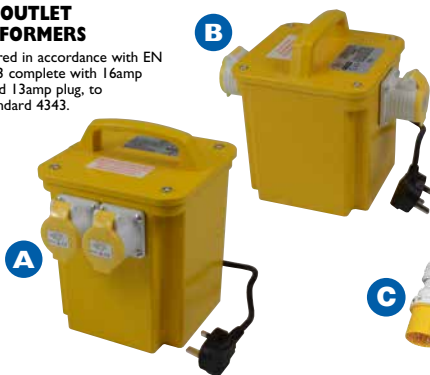
- A) 10m 13 amp 2 sockets 240V cassette reel.
B) Heavy Duty 240V 25m reel supplied with metal frame and handle.
C) Heavy Duty 240V 50m reel supplied with metal frame and handle.
D) Heavy Duty 240V 16 amp 25 metre reel supplied with fitted RCD adaptor with 30mA trip current. Features 2 sockets.
E) 2m 4 way "Anti-Surge" extension socket.
F) Plug in RCD adaptor with single outlet.
G) In-line IP65 RCD with maximum load 3120W, 240VAC and typical 40 millisecond trip speed at 30mA.

PART NO.	DESCRIPTION	PRICE
P85-7700	A) 10M 13AMP 240V REEL	9.61
P85-7701	B) 25M 13AMP 240V REEL	24.72
P85-7702	C) 50M 13AMP 240V REEL	40.35
P85-7820	D) 25M 13AMP 240V REEL WITH RCD	37.10
P89-1363	E) RCD ADAPTOR (PLUG IN)	7.17
P85-4255	F) 2M 4 WAY ANTI SURGE EXT. SOCKET	5.67
P85-3176	G) IN-LINE IP65 RCD	17.46

A-B) 2 OUTLET TRANSFORMERS

Manufactured in accordance with EN 61558-2-23 complete with 16amp sockets and 13amp plug, to British Standard 4343.

- 1.5 KVA
- 3.3 KVA



C) SPLITTER BOX D) EXTENSION LEAD



PART NO.	DESCRIPTION	PRICE	PART NO.	DESCRIPTION	PRICE
P44-1345	A) 1.5 KVA 2 OUTLET TRANSFORMER	52.25	P14-1000	C) 4 WAY SPLITTER BOX	22.23
P44-1347	B) 3.3 KVA 2 OUTLET TRANSFORMER	55.90	P14-1001	D) 14M 110V EXTENSION LEAD	14.36

FLOOD LAMPS, INSPECTION LAMPS & ACCESSORIES

- A) Floor Site Light 20W LED 1800 Lm 110v.
- B) SMD LED Tripod Site Light 20W 1800 Lm 110v.
- C) SMD LED Twin Tripod Site Light 40W 3600 Lm.
- D-E) Supplied with 5 metres of cable & available in 110v or 240v.
- F) 240v 16amp industrial socket.
- G) 110v socket.
- H) 110v plug.
- I) 240v plug.
- J) Splitter 3 way 16amp 240v.
- K) Splitter 3 way 16amp 110v.
- L) Spider Pod Power Splitter 110v.
- M) 14m 110v Extension Lead 32amp.
- N) 240v Extension Lead 14m 16amp.
- O) Fly Lead 240v 16amp Plug to 3-Pin Socket.
- P) 110v 32a Plug to 16a Socket Converter.
- Q) 25m 16amp 110v reel.



PART NO.	DESCRIPTION	PRICE
P40-3537	A) FLOOR SITE LIGHT 20W LED 1800 LM 110V	28.51
P40-3538	B) SMD LED TRIPOD SITE LIGHT 20W 1800 LM 110V	39.59
P40-3539	C) SMD LED TWIN TRIPOD SITE LIGHT 40W 3600 LM	64.94
M99-1089	D) 110V INSPECTION LAMP	11.27
M99-1062	E) 240V INSPECTION LAMP	9.39
P44-7822	F) 240V 16 AMP INDUSTRIAL SOCKET	3.12
P44-1505	G) 110V SOCKET	2.84
P44-1348	H) 110V PLUG	3.04
P44-1506	I) 240V PLUG	2.09
P44-2853	J) SPLITTER 3 WAY 16AMP 240V	12.88
P44-2854	K) SPLITTER 3 WAY 16AMP 110V	12.88
P44-2855	L) SPIDER POD POWER SPLITTER 110V	27.63
P14-2856	M) 14M 110V EXTENSION LEAD 32AMP	41.62
P14-2867	N) 240V EXTENSION LEAD 14M 16AMP	27.04
P14-3171	O) FLY LEAD 240V 16AMP PLUG TO 3-PIN SOCKET	12.51
P44-4462	P) 110V 32A PLUG TO 16A SOCKET CONVERTER	15.40
P85-7703	Q) 25M 16AMP 110V REEL	27.81

A) BOSCH GAS 18V-I PROFESSIONAL CORDLESS VACUUM CLEANER (NO BATTERY)

Cleaning Performance Redefined! With new rotational airflow technology.

- Strong rotational airflows for high cleaning efficiency with minimal loss of suction power throughout usage!
- Powerful motor delivering a vacuum pressure of 6 kPa and long runtime of 7 minutes per Ah
- Quick release dust-emptying function and washable dust cap provide an easy-to-clean tool
- Supplied with: Floor nozzle, flexible extension tube, crevice nozzle and 2 x suction tubes
- Weight excl. battery 1.3kg
- Container volume 0.7 l
- Filter surface area 55cm²
- Max. airflow rate (turbine) 10 l/sec



B) DUSTBUSTER CORDLESS HANDHELD VACUUM CLEANER BHHV320B

The 18V Lithium-ion Cordless Dustbuster® is perfect for larger heavier debris - simply select the high speed to have more power for a spotless clean.

C) NUMATIC NVB240 VACUUM CLEANER

Cordless vacuum cleaner with 36V lithium-ion battery pack, providing excellent performance and total freedom of operation. Supplied with 9pc accessory kit.

Features:

- Capacity 9L
- Runtime – Lo 60 mins / Hi 40 mins
- Motor 250W
- Weight (Machine + Kit) 8.24kg
- Power 36V Lithium-ion
- Recharge Time 3.5 hrs
- Suction 1200mm H2O
- Airflow 20L/sec
- Dimensions 360 x 370 x 415mm.



PART NO.	DESCRIPTION	PRICE
P09-7403	A) BOSCH GAS 18V-I PROFESSIONAL CORDLESS VACUUM CLEANER (NO BATTERY)	75.40
P09-2349	BOSCH 18V 2AH LI-ION BATTERY FOR P09-7403	29.36
P88-3693	B) DUSTBUSTER CORDLESS HANDHELD VACUUM CLEANER BHHV320B	60.71
P88-2069	C) NUMATIC NVB240 VACUUM CLEANER	463.90

BUDDY II WET & DRY VACUUM 12 LITRE 1200W 240V

The Kew Nilfisk Alto Buddy II 12 Litre Wet & Dry Vacuum is the most compact, lightweight yet powerful vacuum in the Buddy II range of wet and dry vacuum cleaners. Its washable PET wet filter protects the turbine for a long life. Voltage 240v.

Specification:

Input Power: 1,200W
Capacity Wet/Dry: 12L
Air Flow: 3,600 L/min.
Vacuum: 200 mbar
Weight: 4.4kg



PART NO.	DESCRIPTION	PRICE
P88-2043	BUDDY II WET & DRY VACUUM 12 LITRE 1200W 240V	51.45
P88-2067	BUDDY II REPLACEMENT DUST BAGS PACK OF 4	15.44
P88-2068	BUDDY II REPLACEMENT WASHABLE FILTER (SINGLE)	14.41
P88-2069	C) CORDLESS HENRY STYLE VACUUM CLEANER	463.90

NUMATIC HEAVY-DUTY VACUUM CLEANER

Powerful, professional cleaning technology for a high-efficiency, long-life motor. Ideal for everything from household cleaning to most industrial applications.

Features:

- Powerful 620W motor
- Large 9 litre capacity
- Robust, tough drum
- Long 10m power cable
- Easy cable replacement
- Easy, clean, safe emptying
- On-board tool storage and wand docking
- Professional and versatile accessory kit
- Dimensions: 340 x 365 x 360mm
- Weight: 6.0kg
- Cleaning Range: 26.4m



PART NO.	DESCRIPTION	PRICE
P88-5000	NUMATIC HEAVY-DUTY VACUUM CLEANER (PSP180) 240V	132.17
P88-5001	NUMATIC HEAVY-DUTY VACUUM CLEANER 110V (PSP240)	140.46
P88-1300	NUMATIC SPARE BAGS FOR VACUUM CLEANER PK 10	11.14

NUMATIC COMMERCIAL VACUUM CLEANER (NRV240)

A powerful and versatile workhorse packed full of tough and innovative features, this commercial version of Henry provides the perfect balance of power, performance and convenience.

Features:

- Powerful 620W motor
- Large 9 litre capacity
- Robust, tough drum
- Includes bumper for wall and door protection
- Extra long-reach 12.5m cable
- Trouble-free cable rewind system
- On-board tool storage and wand docking
- Professional and versatile accessory kit
- Dimensions: 360 x 370 x 415mm
- Weight: 9.0kg
- Cleaning Range: 31.8m



PART NO.	DESCRIPTION	PRICE
P88-9771	NUMATIC COMMERCIAL VAC CLEANER 240V	126.49
P88-9770	NUMATIC COMMERCIAL VAC CLEANER 110V	151.19
P88-1300	NUMATIC SPARE BAGS FOR VAC CLEANER PK 10	11.14

NUMATIC CHARLES WET OR DRY VAC (CVC370)

Change from wet to dry pick-up with a quick switch of the dry filter for the wet float valve and swap of the floor tool provides powerful performance that can tackle almost anything.

Features:

- Powerful 1000W 2-stage motor
- Large 15 litre dry and 9 litre wet capacity
- Robust, tough drum
- Includes bumper for wall and door protection
- Convenient carry handle
- Long 10m power cable
- Easy, clean and safe emptying
- Professional and versatile accessory kit
- Dimensions: 360 x 370 x 510mm
- Weight: 9.0kg
- Cleaning Range: 26.8m Upholstery Nozzle



PART NO.	DESCRIPTION	PRICE
P88-9772	NUMATIC CHARLES WET AND DRY VAC 240V	164.00
P88-9773	NUMATIC CHARLES WET AND DRY VAC 110V	133.90
P88-1300	NUMATIC SPARE BAGS FOR VAC CLEANER PK 10	11.14

NUMATIC TRADELINE INDUSTRIAL M-CLASS VACUUM CLEANER (TEM390A)

Designed and built for work and to work hard, TradeLine combines a specialist extractor vacuum and big clean-up machine for use in the workshop or on the worksite. TradeLine is built for the tough stuff.

Features:

- Powerful 620W motor
- Huge 18 litre capacity
- Robust metal head and tough drum
- Long 10m power cable
- M-Class compliant
- Engineered with HEPA H13 filter
- All-terrain ready large rear wheels
- Professional and versatile accessory kit
- Dimensions: 400 x 450 x 1010mm
- Weight: 14.3kg
- Cleaning Range: 28m



PART NO.	DESCRIPTION	PRICE
P88-3578	NUMATIC TRADELINE INDUSTRIAL M-CLASS VACUUM CLEANER TEM390A 110V	379.00
P88-3579	NUMATIC TRADELINE INDUSTRIAL M-CLASS VACUUM CLEANER TEM390A 240V	379.00

NUMATIC COMMERCIAL WET AND DRY COMBI VAC (CV570)

The CombiVac provides wet and dry pick-up effortlessly and will be found at home in the dirtiest of places. Our unique high-efficiency dual washable filter system enables the user to switch from dry to wet pick-up without the hassle of changing filters or kits.

Features:

- Powerful 1000W 2-stage motor
- Large 13 litre capacity
- Heavy-duty, Structofoam construction
- Includes bumper for wall and door protection
- Convenient carry handle
- Long 10m power cable
- Easy, clean and safe emptying
- Professional and versatile accessory kit
- Dimensions: 415 x 415 x 645mm
- Weight: 16.3kg
- Cleaning Range: 26.8m



PART NO.	DESCRIPTION	PRICE
P88-3580	NUMATIC COMMERCIAL WET & DRY COMBI VAC CV570 240V	336.65
P88-3581	NUMATIC COMMERCIAL WET & DRY COMBI VAC CV570 110V	336.65

CIVILS & SITE EQUIPMENT

12V MAGNETIC LAMPS

A) 12 volt magnetic work light with 360° rotating adjustable mounting bracket. Supplied with 5 metre coily lead and cigar lighter plug.



Durable construction with IP67 protection producing 27w (Lumens: 2160).

B) 12 volt rotating, magnetic roof beacon, with a quartz halogen lamp, supplied with a 3m coily lead and cigar lighter plug.

PART NO.	DESCRIPTION	PRICE
S00-1177	A) 12V MAGNETIC LAMP	39.09
S00-0695	B) 12V MAGNETIC ROTATING BEACON	40.53

A) ECONOMY RUBBER-HANDLED CARGO LASH 2 TON

Low cost, durable weather-resistant straps with steel J-hooks, rubber-coated ratchet handle and release catch. Conforms to BS EN 12195. 6m x 38mm.

**B) MILLS RATCHET TIE DOWN STRAP 4M X 27MM**

Heavy duty, weather-resistant polyester 4m x 27mm webbing tie down strap.

One end has a quick-release high-tension handle with the other being a J steel hook. TUV GS rated. Tested according to EN 12195.

PART NO.	DESCRIPTION	PRICE
S26-3685	RUBBER-HANDLED CARGO LASH 2 TON	13.23
S00-6972	MILLS RATCHET TIE DOWN STRAP 4M X 27MM	7.62

SCREENWASH 5 LITRE

Vehicle screenwash for windscreens and headlight washing systems, providing protection to minus 8 degrees if use undiluted.

Dilution ratios:

Summer - 1 part screenwash to 6 parts water.

Winter - 1 part screenwash to 1 part water.

For severe conditions use undiluted.



PART NO.	DESCRIPTION	PRICE
R99-2664	SCREENWASH 5 LITRE	3.35

A) TYRE PRESSURE GAUGE

Swivel angled tyre connection and air release valve. 250mm hose with 65mm scale graduated 5-100 psi and 0.5-6 bar.

**B) TYRE DEPTH GAUGE**

Tyre Depth Gauge with a large digital LCD Screen interchangeable from metric 0-25.4mm to imperial 0-1" Gauge resolution: 0.01mm (0.0005in) Supplied with a CR2032 battery.

PART NO.	DESCRIPTION	PRICE
S83-2754	A) TYRE PRESSURE GAUGE	12.82
S83-2755	B) TYRE DEPTH GAUGE	9.37

SITE BOXES

A) Van Vault 2 is a high security storage box for either installation in to a van or for fixed installation within garages or warehouses.

B) Site Safe is an exceptionally heavy duty box designed for safe storage of expensive product on any site.

C) Van Vault Outback is specifically designed for open-backed vehicles and protects tools from both the elements and opportunistic thieves. The Outback is fitted with a locking arm to keep the lid in place when open.

**SPECIFICATION**

	A) VAN VAULT 2	B) SITE SAFE	C) OUTBACK
MATERIAL THICKNESS	3mm	3MM	3MM
LOCKS	1	2	2
KEYS SUPPLIED	3	2	3
SIZE (L X W X D) CM	922 x 566 x 490	126 x 70 x 69	134 x 56 x 49
COLOUR	YELLOW	BLACK	YELLOW
WEIGHT	48KG	91KG	60KG
LIFTING POINTS	2 (handles)	4	2 (handles)
FORK LIFT POINTS	0	2	0

PART NO.	DESCRIPTION	PRICE
B99-3503	A) VAN VAULT 2	201.39
B99-3504	B) SITE SAFE	388.07
B99-7863	C) VAN VAULT OUTBACK	269.11

SNOW SOCKS

The Universal Multigrip Snow Socks are a snow chain alternative that is easy to fit and lightweight, perfect for use in sporadic and sudden snowfall in the UK.

These snow socks give the grip needed on snow and icy roads to keep you moving.

Comes in pack of 2 Snow Socks (required on drive wheels only).

- Less than 2 minutes to fit
- Machine washable
- Can be used time and time again
- Easily stored, lightweight snow socks
- Suitable for vehicles with a limited wheel arch clearance
- Compatible with ABS and ESP devices

The size of the tyres on your vehicle will determine which size of Universal Multigrip you need, see our website for details.



PART NO.	DESCRIPTION	PRICE
S26-3688	MULTIGRIP SNOW SOCKS SMALL	35.71
S26-3689	MULTIGRIP SNOW SOCKS MEDIUM	35.71
S26-3690	MULTIGRIP SNOW SOCKS LARGE	35.71
S26-3691	MULTIGRIP SNOW SOCKS XL	41.15
S26-3692	MULTIGRIP SNOW SOCKS XXL	32.70

BOSCH'GO' 3.6V CORDLESS SCREWDRIVER

Compact straight screwdriver set with 5 torque settings and a 25piece bit set all packaged with USB charger in a Bosch compact storage box.



PART NO.	DESCRIPTION
P09-2524	BOSCH'GO' 3.6V CORDLESS SCREWDRIVER

CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING

GSB 12V-15 LI COMBI IMPACT DRILL

The package includes the drill, two x 2.0 Ah Li-ion batteries, quick charger, holster & is supplied in a soft storage case. At 189 mm it has the shortest design in its class and ideal for use in tight places

- Max. drilling diameter in wood: 19mm
- Max. drilling diameter in steel: 10mm
- Max. drilling diameter in masonry: 10mm



PART NO.	DESCRIPTION
P09-6870	GSB 12V-15 LI COMBI IMPACT DRILL

CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING

BOSCH GSB 12V-35 COMBI DRILL (BODY ONLY)

The Bosch GSB 12V-35 Combi Drill offers the highest impact rate in the 12V category, enabling powerful impact drilling of up to Ø10 mm in masonry, wood drilling capacity 32mm with maximum soft torque 20nm.

PART NO.	DESCRIPTION
P09-3723	BOSCH GSB 12V-35 COMBI DRILL (BODY ONLY)

CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING

BOSCH GSB 12V-15 COMBI DRILL & GDR 12V-105 IMPACT DRIVER TWIN KIT

The package includes an Impact Driver and Combi Drill Twin Kit in L-Boxx with 2 x 2.0Ah Batteries and Charger

- A) GDR 12V-105 Impact Driver Professional impact driver delivers 100 newton-meters of torque turning power yet it weighs less than 1 kilogram.
- B) GSB 12V-15 a very light and compact hammer drill with softgrip for comfort, joblight for visibility and an auto-lock 10mm chuck.



PART NO.	DESCRIPTION
P09-5534	BOSCH GSB 12V-15 COMBI DRILL & GDR 12V-105 IMPACT DRIVER TWIN KIT

CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING

BOSCH GSR 12 V-15 FC FLEXICLICK DRILL DRIVER

Whatever the task or situation, the Bosch GSR 12 V-15 FC FlexiClick drill driver with its 4 chucks is almost certain to have the solution. This 12V drill driver comes with 2 x 2.0Ah batteries, charger and L-BOXX 136 carry case. The kit also includes a GFA 10mm capacity 3-jaw chuck, a GHX hex bit holder, a GWA right angle adaptor and a GEA off-centre hex bit holder.



PART NO.	DESCRIPTION
P09-5531	BOSCH GSR 12V-15 FC FLEXICLICK DRILL DRIVER

CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING

12V LITHIUM ION BATTERIES

Compact and lightweight. Available in 2 and 2.5Ah.



PART NO.	DESCRIPTION
F19-1115	12V LITHIUM ION BATTERY 2.0AH 12V
P09-5264	12V LITHIUM ION BATTERY 2.5AH 12V

CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING

BOSCH GBH18V-21 BRUSHLESS CORDLESS S.D.S-PLUS HAMMER DRILL (BODY ONLY)

Powerful brushless 18v S.D.S hammer drill with drilling capacity up to 21mm.

Supplied naked, battery extra.



- Max. impact energy: 2 J
- Impact rate at rated speed: 0 5,100 bpm
- Rated speed: 0 - 1,800 rpm
- Tool holder: S.D.S plus

PART NO. DESCRIPTION

P09-2526 BOSCH GBH18V-21 BRUSHLESS CORDLESS S.D.S-PLUS HAMMER DRILL (BODY ONLY)

CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING

BOSCH GSB18V-55- COMBI DRILL (BODY ONLY)

The Bosch GSB 18V-55 is a powerful and efficient combi drill that can be used in a variety of applications. It has a powerful 55Nm torque setting and a quick 1,750 RPM motor speed. The 13mm Rohm metal chuck provides an ideal power transfer for drilling and screwdriving work. The brushless motor ensures extensive tool lifetime and longer battery runtimes.



- Max. Torque: 55Nm
- 20 Torque Settings + Drill + Hammer Drill
- 13mm Keyless Chuck
- 2-Speed Variable & Reverse
- LED Work Light
- Automatic Spindle Lock

PART NO. DESCRIPTION

P09-2386 BOSCH GSB18V-55 COMBI DRILL (BODY ONLY)

CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING

BOSCH GBH 18V-26 F 18 VOLT BRUSHLESS S.D.S-PLUS HAMMER DRILL (BODY ONLY)

Incredible power and drilling capacity - drill up to 26mm diameter holes in concrete.

Supplied naked, battery extra.



- Max. impact energy 2.6 J
- Impact rate at rated speed 0 - 4,350 bpm
- Rated speed 0 - 890 rpm
- Bit holder S.D.S-plus

PART NO. DESCRIPTION

P09-5681 BOSCH GBH 18V-26 F 18 VOLT BRUSHLESS S.D.S-PLUS HAMMER DRILL (BODY ONLY)

CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING

COOL PACK BATTERIES

With Lithium-ion technology these cool pack batteries have no self-discharge and no memory effect. With Bosch's flexible power system these batteries are compatible for use with all Bosch 18v machines.



PART NO. DESCRIPTION

P09-2349 A) 2 AH 18V COOL PACK BATTERY
P09-7298 B) 4 AH18V COOL PACK BATTERY
P09-5266 C) 5 AH 18V COOL PACK BATTERY
P09-2209 D) 6 AH 18V COOL PACK BATTERY

CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING

BOSCH GBH 18V-34 CF 18V BRUSHLESS ROTARY HAMMER WITH S.D.S PLUS (BODY ONLY)

The most powerful SDS Cordless Hammer on the market. Outstanding performance with 5.8j impact energy for demanding work in concrete. Perfect control; soft start for precise chiselling and 3 different operating modes to ensure the right setting for every task.

- Max. impact energy: 5.8 j
- Impact rate at nominal speed: 0-2,900 bpm
- Rated speed: 0 - 500 min-1
- Weight excl. battery pack: 4.9 kg
- Tool holder: S.D.S plus
- Drill Ø in concrete with hammer drills: 6 - 32 mm



PART NO. DESCRIPTION

P09-2174 BOSCH GBH 18V-34 CF 18V BRUSHLESS ROTARY HAMMER WITH S.D.S PLUS (BODY ONLY)

CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING

BOSCH GBH 18 V-26 D S.D.S+ PLUS CORDLESS BRUSHLESS ROTARY HAMMER (BODY ONLY)

The Bosch GBH 18V-26 D is a D-handled, cordless, S.D.S+ Plus shank 18 volt rotary hammer. The machine has a brushless motor and a huge 2.5 joules of impact energy which is equivalent to Bosch's corded power tools.

- Max. impact energy: 2.5 J
- Impact rate at rated speed: 0 - 4,350 bpm
- Rated speed: 0 - 980 rpm
- Weight excl. battery: 2.6 kg



PART NO. DESCRIPTION

P09-2444 BOSCH GBH 18V-26 D S.D.S+ PLUS CORDLESS BRUSHLESS ROTARY HAMMER (BODY ONLY)

CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING

BOSCH GSA 18 V-LI 18V PROFESSIONAL RECIPROCATING SABRE SAW

The GSA 18 V-Li gives the user both easy and fast handling and offers fast saw blade changes thanks to the Bosch S.D.S mechanism. There are 2 speed settings for material specific working, making this a handy and versatile tool.



- Supplied with 2 x 18V 5.0Ah Li-Ion batteries
- Cutting depth in wood: 250mm
- Cutting depth in metal profiles and metal pipes: 130mm
- Stroke lengths: 28mm
- Weight incl. battery: 3.4kg

PART NO.	DESCRIPTION	CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING
P09-6873	BOSCH GSA 18V-LI 18V PROFESSIONAL RECIPROCATING SABRE SAW	

BOSCH GOP 18 V-28 BRUSHLESS 18V MULTI-CUTTER

The Bosch GOP 18 V-28 Brushless 18v Starlock multi-cutter complete with saw blade is compatible with both Starlock and Starlock Plus blades and has a variety of features including a LED light for use in low light.



- Supplied with 2 x 2.0Ah Li-Ion Batteries
- No-load rotation: 8,000 – 20,000 opm
- Oscillation angle on left and right: 1.4 °
- Weight incl. battery: 1.6 kg

PART NO.	DESCRIPTION	CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING
P09-6871	BOSCH GOP 18V-28 BRUSHLESS 18V MULTI-CUTTER	

PROCORE 18V SERIES BATTERIES

Bosch Professional high-performance Lithium-Ion ProCORE 18V series batteries, available in 5.5, 8.0 and 12.0 Ah versions. Designed for highly intensive applications such large rotary hammers, angle grinders or circular saws. These batteries are longer lasting and interchangeable with the 'Cool Pack Batteries'.



PART NO.	DESCRIPTION	CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING
P09-2351	A) 5.5 AH 18V PROCORE BATTERY	
P09-2312	B) 8.0 AH 18V PROCORE BATTERY	
P09-2356	C) 12.0 AH 18V PROCORE BATTERY	

BOSCH GDx 18V-200 C CORDLESS IMPACT DRIVER / WRENCH

Bosch's most powerful 18 V impact driver with 2-in-1 bit holder - with brushless motor.



Features:

- Extremely powerful for high work performance due to 200 Nm of torque (3 torque settings)
- 2-in-1 bit holder with 1/4" internal hex and 1/2" square drive guarantees flexibility for the widest range of jobs
- Bluetooth Connectivity option for active tool feedback, service information, and additional control
- It is compatible with all Bosch Professional 18 V batteries and chargers
- Weight excl. battery 1.2 kg
- Supplied with L-BOXX 136 case.

Batteries and charger not included.

PART NO.	DESCRIPTION	CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING
P09-2385	BOSCH GDx 18V-200 C CORDLESS IMPACT DRIVER / WRENCH	

GDE18V-26 DUST EXTRACTOR

Integrated dust extraction attachment adapter for the Bosch GBH 18 V - Brushless S.D.S VSD Rotary Hammer Drill (P09-2526, P09-5681 and P09-2174).

Features:



- Dust extraction - For virtually dust free drilling
- Sensor technology - Auto-Power-On when drilling and Auto-Power-Off with 2 second overrun after releasing hammer trigger
- Compatibility and retro-fitting - Easy plug & play of dust extraction with new GBH 18V S.D.S Drills
- Removable dust container including HEPA filter and inspection window to check dust level
- Positioning of dust eye depending in drill bit length up to 165mm (up to Ø 16mm)
- Individual dust eyes for fixed and quick change chuck executions to allow always a max. drilling depth of 100mm

PART NO.	DESCRIPTION	CALL OUR SALES DEPARTMENT OR VISIT OUR WEBSITE FOR SPECIAL PRICING
P09-5544	GDE18V-26 DUST EXTRACTOR	

BOSCH 14.4/18V LED FLOOD LIGHTS (BODY ONLY)

Powered by either a 14.4V or 18V Bosch Li-Ion Battery (not included) this cordless, powerful LED flood lights provides up to 1900 lumens with a battery runtime of up to 8 hours, depending on battery

Performance data:

Luminous flux: 1900 lumen
 Operating time: 14.4 V 80 mins/Ah
 Operating time: 18 V 100 mins/Ah



PART NO.	DESCRIPTION	PRICE
P09-5688	BOSCH GLI 18V-1900 C CORDLESS 14.4V/18V LED FLOOD LIGHT	117.14
P09-7296	BOSCH GAL1880CV BATTERY CHARGER 14.4 TO 18 VOLTS	POA
P09-2349	BOSCH 18V 2AH LI-ION BATTERY	29.36



3-YEAR-GUARANTEE

Extend the warranty on your Bosch Professional tools now to three years, free of charge in just a few clicks on the PRO360 service portal.

www.bosch-professional.com/gb/en/pro360

BOSCH WARRANTY PROMISE

Bosch power tools meet the strictest quality standards. That's why we're making you a special offer. Extend your warranty time from one year by an additional two years free of charge, allowing you to benefit from our warranty promise for three whole years. This offer applies to all professional power tools and measuring tools, as well as all associated rechargeable batteries from Bosch.

High-grade tools, industrial cordless screwdrivers, pneumatic tools and corresponding accessories are excluded.

IT'S IN YOUR HANDS. BOSCH PROFESSIONAL.

CIVILS & SITE
EQUIPMENT

BOSCH GBH2-26-240V SDS-PLUS HAMMER

A general purpose reliable SDS hammer drill for fast drilling and chiselling fully controlled by the variable speed control. This SDS Hammer drill has 3 function settings for drilling, hammer drilling and light chiselling which allows use on a wide range of applications around the site.

- Rated power input: 830 W
- Max. impact energy: 2.7 J
- Impact rate at rated speed: 0 – 4,000 bpm
- Rated speed: 0 – 900 rpm
- Weight: 2.7 kg
- Drilling dia. in concrete with hammer bits: 4 – 26mm
- Max. drilling dia. in masonry with core cutters: 68mm
- Max. drilling diameter in steel: 13mm
- Max. drilling diameter in wood: 30mm
- Available in 110 and 240 Volt



PART NO. DESCRIPTION

P09-2472	GBH2-26 S.D.S HAMMER DRILL 110V
P09-2475	GBH2-26 S.D.S HAMMER DRILL 240V

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BOSCH GSH 5 CE SDS-MAX BREAKER

The Bosch GSH 5 CE SDS-Max demolition hammer (110v) has a powerful 1150W motor which delivers 8.3 J of impact energy for a high material removal rate. It's lightweight with Vibration Control for effortless and continuous work in time-intensive applications.

- Rated Power Input 1150 w
- Lightweight design for comfortable handling in extensive applications
- SDS-Max chuck for maximum power transmission and tool-free chisel changes
- Speed preselection for applications which require material-specific speed
- Receive constant speed under load thanks to electronic regulation
- Vibration Control: rubber mounting and foam padding in the handles significantly reduces vibration for increased safety and comfort
- Robust metal components and optimised lubrication system ensure that this Bosch SDS hammer is durable
- Available in 110 and 240 Voltages
- Weight 6.1kg



PART NO. DESCRIPTION

P09-2491	GSH 5 5KG DEMOLITION HAMMER S.D.S-MAX 110V
P09-2492	GSH 5 5KG DEMOLITION HAMMER S.D.S-MAX 240V

CALL OUR SALES
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OR VISIT OUR
WEBSITE FOR
SPECIAL PRICING

BOSCH GBH2-26 - 3 FUNCTION 830W S.D.S HAMMER DRILL

The Bosch SDS hammer drill is equipped with a powerful 830W motor and impact energy 2.7J.

- Vibration Control ensures more comfortable working, even in time-intensive applications
- Automatic switch lock for the best convenience in continuous chiselling applications
- Setting wheel for variable adjustment of the speed and impact rate for optimum performance
- Rated power input: 1,150W
- Max. impact energy: 8.8J
- Impact rate at rated speed: 1,500 - 3,050bpm
- Rated speed: 170 - 340rpm
- Dimension: Length 485mm x Height: 260mm
- Weight: 6.8kg
- Drilling diameter in concrete with hammer drill bits: 12 - 40mm
- Optimum range of applications in concrete with hammer drill bits: 18 - 32mm
- Drilling diameter in concrete with breakthrough drill bits: 45 - 55mm
- Drilling diameter in concrete with core cutters: 40 - 90mm
- Available in 110 and 240 Voltages



PART NO. DESCRIPTION

P09-6875	GBH 5-40 DCE BOSCH ROTARY HAMMER WITH S.D.S MAX
P09-6877	S.D.S-MAX GBH 5-40 DCE ROTARY HAMMER 240V

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240V ELECTRICAL EXTENSIONS

Made to BS5733



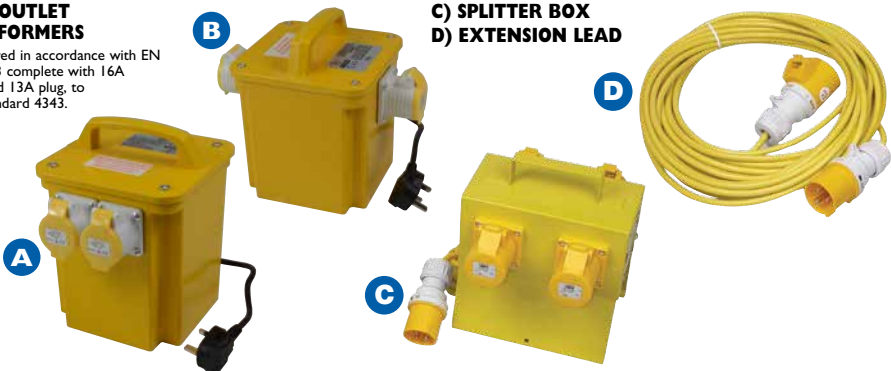
- A) 10m 13A 2 sockets 240V cassette reel.
 B) Heavy Duty 240V 25m reel supplied with metal frame and handle.
 C) Heavy Duty 240V 50m reel supplied with metal frame and handle.
 D) Heavy Duty 240V 16A 25 metre reel supplied with fitted RCD adaptor with 30mA trip current. Features 2 sockets.
 E) 2m 4 way "Anti-Surge" extension socket.
 F) Plug in RCD adaptor with single outlet.
 G) In-line IP65 RCD with maximum load 3120W, 240VAC and typical 40 millisecond trip speed at 30mA

PART NO.	DESCRIPTION	PRICE
P85-7700	A) 10M 13AMP 240V REEL	9.61
P85-7701	B) 25M 13AMP 240V REEL	24.72
P85-7702	C) 50M 13AMP 240V REEL	40.35
P85-7820	D) 25M 13AMP 240V REEL WITH RCD	37.10
P89-1363	E) RCD ADAPTOR (PLUG IN)	7.17
P85-4255	F) 2M 4 WAY ANTI SURGE EXT. SOCKET	5.67
P85-3176	G) IN-LINE IP65 RCD	17.46

A-B) 2 OUTLET TRANSFORMERS

Manufactured in accordance with EN 61558-2-23 complete with 16A sockets and 13A plug, to British Standard 4343.

- 1.5 KVA
- 3.3 KVA



PART NO.	DESCRIPTION	PRICE	PART NO.	DESCRIPTION	PRICE
P44-1345	A) 1.5 KVA 2 OUTLET TRANSFORMER	52.25	P14-1000	C) 4 WAY SPLITTER BOX	22.23
P44-1347	B) 3.3 KVA 2 OUTLET TRANSFORMER	55.90	P14-1001	D) 14M 110V EXTENSION LEAD	14.36

BOSCH 35 PIECE MASONRY DRILL & SCREWDRIVER BIT SET

This handy comprehensive screwdriver bit set comes in a hard plastic case. Includes six CYL-3 impact-resistant hammer drill bits offering guaranteed longer life in concrete, and extremely bend-resistant properties.

Comprising:

- Drill Bits - 3mm, 4mm, 5mm, 5.5mm, 6mm, 8mm
- Nutsetters - 8mm, 10mm, 13mm
- 25mm Philips Bits - PH1, PH2, PH3
- 25mm Pozidrive Bits - PZ1, PZ2, PZ3
- 25mm Slotted Bits - S3, S4, S5, S6
- 25mm HEX Bits - 3mm, 4mm, 5mm, 6mm
- 25mm Torx Bits - 10, 15, 20, 20, 25, 27, 30, 40
- 60mm Double Ended Bits - PH2/PZ2, T20/T25
- Magnetic Bit Holder
- Quick Release Bit Holder



PART NO.	DESCRIPTION	PRICE
F70-4812	BOSCH 35 PIECE MASONRY DRILL & SCREWDRIVER BIT SET	29.63

MAKITA 100 PIECE TRADE ACCESSORY SET

100 Piece Bit, Drill and Driver Set comprising 50 assorted screwdriver, hexagon, torx bits and adaptors, steel, wood and masonry drill bits, nutdrivers and holesaws in a hard wearing injection moulded case. Please visit our website for further details and complete specification.



PART NO.	DESCRIPTION	PRICE
D99-0035	MAKITA 100 PIECE TRADE ACCESSORY SET	30.50

BOSCH 103 PIECE DRILL AND SCREWDRIVER BIT SET

Titanium drills and tough screwdriver bits covers all general applications for impact driving, drilling and screwdriving.



PART NO.	DESCRIPTION	PRICE
P09-1549	BOSCH 103 PIECE DRILL AND SCREWDRIVER BIT SET	32.14

KEYED AND KEYLESS 13MM CHUCKS WITH S.D.S ADAPTOR

- A) P09-1039 13mm Keyed Chuck and Key
 B) P09-9906 13mm Keyless Chuck
 C) P09-3016 S.D.S Adaptor Suitable for A or B
 D) P09-1041 13mm Keyless Chuck C/W S.D.S Adaptor



PART NO.	DESCRIPTION	PRICE
P09-1039	A) 13MM KEYED CHUCK AND KEY	11.59
P09-9906	B) 13MM KEYLESS CHUCK	3.34
P09-3016	C) S.D.S ADAPTOR SUITABLE FOR A OR B	10.07
P09-1041	D) 13MM KEYLESS CHUCK C/W S.D.S ADAPTOR	13.15

POWER TOOL SQUARE DRIVE ADAPTORS

- A) S.D.S Adaptor x 1/4" Square Drive Adaptor
 B) S.D.S Adaptor x 1/2" Square Drive Adaptor
 C) 1/4" Hexagon Adaptor suitable for drills with standard 3 jaw chucks x 1/2" Square Drive Adaptor

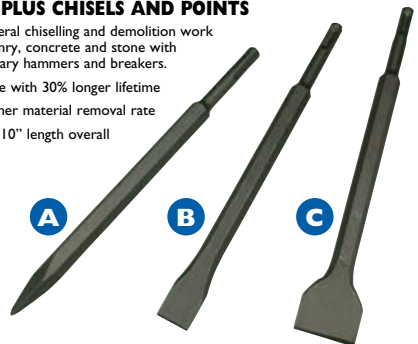


PART NO.	DESCRIPTION	PRICE
F70-5010	A) S.D.S ADAPTOR X 1/4" SQUARE DRIVE ADAPTOR	3.61
G70-1770	B) S.D.S ADAPTOR X 1/2" SQUARE DRIVE ADAPTOR	19.23
G70-1769	C) 1/4" HEXAGON ADAPTOR SUITABLE FOR DRILLS	10.25

S.D.S PLUS CHISELS AND POINTS

For general chiselling and demolition work in masonry, concrete and stone with light rotary hammers and breakers.

Long Life with 30% longer lifetime
 15% higher material removal rate
 250mm 10" length overall



PART NO.	DESCRIPTION	PRICE
N09-3520	A) 10" POINT S.D.S PLUS	14.10
N09-3521	B) 10" X 1" CHISEL S.D.S PLUS	7.09
N09-3522	C) 10" X 1 1/2" SPADE CHISEL S.D.S PLUS	11.14

5 PIECE S.D.S DRILL SET IN SHELLCASE 5-10MM

Hardened with a tungsten carbide tip, these twin flute design S.D.S+ drills provide faster waste removal. Sandblasted finish. Professional quality S.D.S Shank Masonry Drill. Mills S.D.S Premium Drill Bits are fully hardened, high performance, hammer drill bits for use in granite, concrete, masonry, tiles, etc.

This drill bit will fit in drill machines with an S.D.S+ chuck only.

Sizes quoted are Diameter x Overall Length. Supplied in shellcase and comprising:

- 5.0 x 110mm S.D.S Drill
- 6.0 x 110mm S.D.S Drill
- 7.0 x 160mm S.D.S Drill
- 8.0 x 160mm S.D.S Drill
- 10.0 x 160mm S.D.S Drill



PART NO.	DESCRIPTION	PRICE
N36-5029	5 PIECE S.D.S DRILL SET IN SHELLCASE 5-10MM	7.42

12 PIECE S.D.S PLUS DRILL & STEEL SET

A 15-piece S.D.S set housed in a sturdy plastic carry case. The set comprises:

Drill Bits:
5.5, 6, 6.5, 7, 8
and 10 x 160mm
10, 12 and
16 x 260mm

Chisels:

- 1 x wide
- 1 x point
- 1 x flat
- 1 x groove



PART NO.	DESCRIPTION	PRICE
N36-1285	12 PIECE S.D.S PLUS DRILL & STEEL SET	18.95

S.D.S CHANNELING CHISEL

Ideal for rapid chasing in Thermalite and soft brick - S.D.S Tool fitting - available in 30mm and 55mm widths.



- 25mm cutting depth
- Cranked shaft for ease of operation
- S.D.S. toolfitting

N.B. Roto stop machines only

PART NO.	DESCRIPTION	PRICE
N99-5000	30MM S.D.S CHANNELING CHISEL	39.61
N99-7700	55MM S.D.S CHANNELING CHISEL	43.88

PROFESSIONAL QUALITY S.D.S SHANK MASONRY DRILLS

Mills S.D.S Premium Drill Bits are fully hardened, high performance, hammer drill bits with tungsten carbide tips and an S.D.S+ shank. For use in granite, concrete, masonry, tiles, etc. This drill bit will fit in drill machines with an S.D.S+ chuck only.

Sizes quoted are Diameter x Overall Length.



PART NO.	DESCRIPTION	PRICE
N36-1118	5.0 X 110MM S.D.S MASONRY DRILL (NO. 8)	1.24
N36-1861	5.0 X 160MM S.D.S MASONRY DRILL (NO. 8)	1.63
N77-0540	5.5 X 110MM S.D.S MASONRY DRILL (NO. 10)	1.40
N77-0539	5.5 X 160MM S.D.S MASONRY DRILL (NO. 10)	1.65
N36-1121	6.0 X 110MM S.D.S MASONRY DRILL	1.49
N36-1122	6.0 X 160MM S.D.S MASONRY DRILL	1.70
N36-5005	6.0 X 450MM S.D.S MASONRY DRILL	4.90
N36-1123	6.5 X 110MM S.D.S MASONRY DRILL (NO. 12)	1.57
N36-1124	6.5 X 160MM S.D.S MASONRY DRILL (NO. 12)	1.75
N36-8161	7.0 X 160MM S.D.S MASONRY DRILL (NO. 14)	1.80
N36-1187	7.0 X 210MM S.D.S MASONRY DRILL	2.20
N77-0664	8.0 X 110MM S.D.S MASONRY DRILL	1.51
N36-1127	8.0 X 160MM S.D.S MASONRY DRILL	1.85
N36-1863	8.0 X 260MM S.D.S MASONRY DRILL	2.85
N77-0531	8.0 X 450MM S.D.S MASONRY DRILL	5.10
N36-1129	10.0 X 160MM S.D.S MASONRY DRILL	1.91
N36-1130	10.0 X 260MM S.D.S MASONRY DRILL	3.49
N77-0541	10.0 X 450MM S.D.S MASONRY DRILL	5.17
N77-0542	10.0 X 600MM S.D.S MASONRY DRILL	6.25
N77-0533	10.0 X 1000MM S.D.S MASONRY DRILL	13.79
N36-1592	10.0 X 1400MM S.D.S MASONRY DRILL	70.33
N36-1591	12.0 X 160MM S.D.S MASONRY DRILL	2.30
N36-1132	12.0 X 260MM S.D.S MASONRY DRILL	3.86
N77-0537	12.0 X 450MM S.D.S MASONRY DRILL	5.39
N36-1192	12.0 X 600MM S.D.S MASONRY DRILL	9.74
N36-1865	12.0 X 1000MM S.D.S MASONRY DRILL	23.32
N36-1593	12.0 X 1400MM S.D.S MASONRY DRILL	71.23
N36-1136	14.0 X 260MM S.D.S MASONRY DRILL	4.59
N77-0544	14.0 X 450MM S.D.S MASONRY DRILL	6.95
N77-0532	14.0 X 600MM S.D.S MASONRY DRILL	9.85
N36-1866	14.0 X 1000MM S.D.S MASONRY DRILL	26.10
N36-1594	14.0 X 1400MM S.D.S MASONRY DRILL	73.47
N36-1139	16.0 X 200MM S.D.S MASONRY DRILL	4.94
N77-0538	16.0 X 450MM S.D.S MASONRY DRILL	7.98
N77-0543	16.0 X 600MM S.D.S MASONRY DRILL	9.91
N77-0534	16.0 X 1000MM S.D.S MASONRY DRILL	27.79
N36-1595	16.0 X 1400MM S.D.S MASONRY DRILL	76.66
N77-0535	18.0 X 600MM S.D.S MASONRY DRILL	16.09
N36-1142	20.0 X 200MM S.D.S MASONRY DRILL	9.42
N36-1143	20.0 X 450MM S.D.S MASONRY DRILL	13.34
N36-1196	20.0 X 600MM S.D.S MASONRY DRILL	17.83
N36-1868	20.0 X 1000MM S.D.S MASONRY DRILL	34.60
N36-1869	22.0 X 250MM S.D.S MASONRY DRILL	11.00
N36-1870	22.0 X 450MM S.D.S MASONRY DRILL	14.26
N36-1871	22.0 X 600MM S.D.S MASONRY DRILL	10.29
N36-1873	25.0 X 250MM S.D.S MASONRY DRILL	15.53
N36-1144	25.0 X 450MM S.D.S MASONRY DRILL	20.37
N36-1874	25.0 X 1000MM S.D.S MASONRY DRILL	60.07

CIVILS & SITE EQUIPMENT

HIGH QUALITY STRAIGHT SHANK MASONRY DRILLS

Tungsten carbide tip, long life masonry drill bit with milled flutes for percussion and rotary drilling in concrete, brick and natural stone. DIN ISO 5468. Sizes quoted are for Diameter x Overall Length.



STANDARD SERIES MASONRY DRILLS

PART NO.	DESCRIPTION	PRICE
N36-1171	5.0MM MASONRY DRILL (NO. 8)	1.01
N36-1172	5.5MM MASONRY DRILL (NO. 10)	1.12
N36-1173	6.0MM MASONRY DRILL	1.18
N36-1174	6.5MM MASONRY DRILL (NO. 12)	1.43
N36-1175	7.0MM MASONRY DRILL (NO. 14)	1.51
N36-1176	8.0MM MASONRY DRILL	1.55
N36-1178	10.0MM MASONRY DRILL	2.07

STRAIGHT SHANK LONG SERIES MASONRY DRILLS

PART NO.	DESCRIPTION	PRICE
N36-1180	8.0MM X 300MM MASONRY DRILL	4.45
N36-1184	13.0MM X 400MM MASONRY DRILL	8.43
N36-1185	16.0MM X 300MM MASONRY DRILL	7.21
N36-1186	20.0MM X 400MM MASONRY DRILL	7.98

MASONRY AND MIXED DRILL SETS

- A) Comprising:
4, 5, 5.5, 6.5, 7mm masonry drills in plastic storage case.
- B) Set of 15 popular steel, wood & masonry drills covering 3.4.5.6 and 8mm.



PART NO.	DESCRIPTION	PRICE
N36-5028	A) MASONRY DRILL SET 5 PIECE	5.72
N63-1065	B) BOSCH MIXBOX SET 15 PIECE	15.35

BOSCH 4 PIECE MULTIPURPOSE DRILL BIT SET

Innovative drill bit for steel, wood, masonry, uPVC, ceramics and concrete.

Diamond-ground cutting edges allow fast drilling even in hard materials, prolonging battery life of a cordless drill.

Tough head construction gives long life in rotary and impact mode.

Contains 5.5, 6, 7 and 8mm drill bits.



PART NO.	DESCRIPTION	PRICE
N36-4735	4 PIECE MULTIPURPOSE DRILL BIT SET 5.5-8MM	12.31

QUALITY HIGH SPEED WOOD AUGERS

Fast drilling rate due to optimised flute geometry. With threaded centring tip, one main spur & one pre-cutting spur. Precision ground for accurate dimensional stability when drilling. Hexagonal shank can be used in all drills with 13mm chuck. For use with power tools & available in 235mm overall length.



PART NO.	DESCRIPTION	PRICE
N36-1162	6 X 235MM WOOD AUGER	4.51
N36-1163	8 X 235MM WOOD AUGER	4.65
N36-1164	10 X 235MM WOOD AUGER	6.09
N36-1165	12 X 235MM WOOD AUGER	6.41
N36-1166	14 X 235MM WOOD AUGER	6.57
N36-1167	16 X 235MM WOOD AUGER	7.94
N36-5019	20 X 235MM WOOD AUGER	8.53
N36-5020	25 X 235MM WOOD AUGER	13.16

HIGH SPEED WOOD AUGERS S.D.S

Fast drilling rate due to optimised flute geometry. With threaded centring tip, one main spur & one pre-cutting spur. Precision ground for accurate dimensional stability when drilling. Available with S.D.S. shank 205mm and 400mm overall length.



PART NO.	DESCRIPTION	PRICE
N36-1709	6 X 205MM S.D.S AUGER	7.50
N36-1710	8 X 205MM S.D.S AUGER	8.00
N36-1711	10 X 205MM S.D.S AUGER	8.79
N36-1712	12 X 205MM S.D.S AUGER	11.34
N36-1713	16 X 205MM S.D.S AUGER	11.57
N36-5021	20 X 205MM S.D.S AUGER	11.92
N36-5022	25 X 205MM S.D.S AUGER	12.93

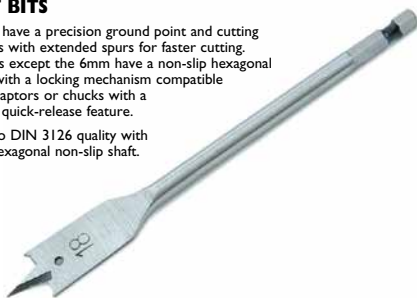
400MM EXTRA LENGTH AUGERS

N36-5024	12 X 400MM S.D.S AUGER	14.37
N36-5025	16 X 400MM S.D.S AUGER	21.88

FLAT BITS

All bits have a precision ground point and cutting surfaces with extended spurs for faster cutting. All sizes except the 6mm have a non-slip hexagonal shank with a locking mechanism compatible with adaptors or chucks with a built-in quick-release feature.

Made to DIN 3126 quality with 1/4in hexagonal non-slip shaft.



PART NO.	DESCRIPTION	PRICE
N36-7388	A) FLAT BIT 18MM X 152MM	2.79
N36-7389	B) FLAT BIT 25MM X 152MM	3.64
N36-7390	C) FLAT BIT 30MM X 152MM	4.11

A) 9 PIECE HOLE SAW SET

Bosch 9 Piece Holesaw Set for cutting wood or metal, made from HSS bi-metal with 8% cobalt alloy for extreme resilience and long sharp working life. The set includes 6 Saws ranging in sizes from 20mm to 64mm, a power change adapter, 2 x HSS-G pilot drill bits and a hard plastic carry case.

**B) 14 PIECE HOLE SAW**

Bosch 14 Piece Holesaw Set for cutting wood or metal, made from HSS bi-metal with 8% cobalt alloy for extreme resilience and long sharp working life. The set includes 11 Saws ranging in sizes from 19mm to 76mm, a power change adapter, 2x HSS-G pilot drill bits and a hard plastic carry case.



PART NO.	DESCRIPTION	PRICE
N36-4592	A) 9 PIECE HOLE SAW SET	69.38
N36-2095	B) 14 PIECE HOLE SAW SET	128.90

HSS TAPER DRILLS

Used for precision burr-free drilling without a pilot drill in plastics and sheet metals up to 4mm thick. Suitable for non-ferrous metals steel sheeting and plastics.
3 sizes: 4-30mm available.



PART NO.	DESCRIPTION	PRICE
N47-1237	HSS TAPER DRILL 4-12MM	16.71
N47-1238	HSS TAPER DRILL 6-20MM	25.52
N47-1239	HSS TAPER DRILL 16-30MM	40.46

BOSCH 6 PIECE SELFCUT FLAT SPADE WOOD BIT SET IN WALLET 13-25MM

Sizes included 13, 16, 19, 20, 22, and 25mm with 1/4" hex shank.

These drill bits have self-feeding precision ground tips and cutting edges for accurate dimensional stability.

They are able to drill three times faster than standard spade bits.

Made in accordance with own factory standards to DIN 3126 - E 6 from specially toughened steel.

Drill bit colour:
Grey, sand blasted.

Total Length: 152mm

Working Length: 112mm

Bosch Part Number
2608587793.



PART NO.	DESCRIPTION	PRICE
N36-7482	BOSCH 6 PIECE SELFCUT FLAT SPADE WOOD BIT SET IN WALLET 13-25MM	10.41

HOLESAW SETS

Available in two popular arrangements and supplied in heavy duty carry case:

A) General purpose holesaw set comprising:
22, 29, 35, 44, 51 and 64mm holesaws, 2 arbors, pilot and ejector spring.

B) Electricians holesaw set comprising:
16, 20, 25, 32, 40 and 51mm holesaws, 1 arbor, pilot and ejector spring.

PART NO.	DESCRIPTION	PRICE
N76-1266	A) GENERAL PURPOSE HOLESAW SET	66.15
N76-5030	B) ELECTRICIANS HOLESAW SET	59.03

STARRETT HIGH SPEED HOLESAW

The Starrett Fast Cut Bi-Metal Holesaws combine a new tooth material and a 5.5 TPI/25mm tooth form, with increased resistance to heat and wear.

Specifically suited to cutting stainless and mild steel sheet, they will also cut through tubes with a wall thickness of up to 3mm (1/8in).

Available in sizes from 14mm to 152mm.



PART NO.	DESCRIPTION	PRICE
N76-1202	14MM HOLESAW (9/16")	5.88
N76-1203	16MM HOLESAW (5/8")	6.10
N76-1204	17MM HOLESAW (1 1/16")	6.31
N76-1206	20MM HOLESAW (13/16")	6.52
N76-1208	22MM HOLESAW (7/8")	6.74
N76-1210	25MM HOLESAW (1")	7.15
N76-1213	30MM HOLESAW (1 3/16")	7.44
N76-1214	32MM HOLESAW (1 1/4")	7.69
N76-1216	35MM HOLESAW (1 3/8")	7.96
N76-1218	38MM HOLESAW (1 1/2")	8.22
N76-1219	40MM HOLESAW (1 5/8")	8.55
N76-1222	44MM HOLESAW (1 3/4")	8.97
N76-1225	51MM HOLESAW (2")	9.50
N76-1229	57MM HOLESAW (2 1/4")	9.98
N76-1232	64MM HOLESAW (2 1/2")	10.41
N76-1236	70MM HOLESAW (2 3/4")	10.80
N76-1238	76MM HOLESAW (3")	12.38
N76-1242	89MM HOLESAW (3 1/2")	12.69
N76-1246	102MM HOLESAW (4")	15.58
N76-1252	127MM HOLESAW (5")	29.94
N76-1253	152MM HOLESAW (6")	40.88
N76-1255	ARBOR 14 - 30MM 11/32 SHANK	6.88
N76-1258	ARBOR 30 - 152MM 11/32 SHANK	13.80
N76-1260	ARBOR 30 - 152MM 7/16 SHANK	13.80

HIGH SPEED TWIST DRILLS

Industrial grade metric drill bit in high speed HSS steel for accurate and easy drilling of all metals, special and hardened steels and alloys.

The jobber drills comply with BS328, Din338 and ISO 235/1.



PART NO.	DESCRIPTION	PRICE
N63-3000	1.0MM TWIST DRILL	0.31
N63-3001	1.5MM TWIST DRILL	0.34
N63-3002	2.0MM TWIST DRILL	0.35
N63-3003	2.5MM TWIST DRILL	0.36
N63-3004	3.0MM TWIST DRILL	0.37
N63-3005	3.5MM TWIST DRILL	0.41
N63-3006	4.0MM TWIST DRILL	0.41
N63-3007	4.5MM TWIST DRILL	0.53
N63-3008	5.0MM TWIST DRILL	0.57
N63-1009	5.5MM TWIST DRILL	0.76
N63-1010	6.0MM TWIST DRILL	0.80
N63-1011	6.5MM TWIST DRILL	0.96
N63-1012	7.0MM TWIST DRILL	1.03
N63-1013	7.5MM TWIST DRILL	1.19
N63-1014	8.0MM TWIST DRILL	1.41
N63-1015	8.5MM TWIST DRILL	1.47
N63-1016	9.0MM TWIST DRILL	1.68
N63-1017	9.5MM TWIST DRILL	1.84
N63-1018	10.0MM TWIST DRILL	1.90
N63-1019	10.5MM TWIST DRILL	2.54
N63-1020	11.0MM TWIST DRILL	2.90
N63-1021	11.5MM TWIST DRILL	3.14
N63-1022	12.0MM TWIST DRILL	3.36
N63-1023	12.5MM TWIST DRILL	3.51
N63-1024	13.0MM TWIST DRILL	3.68

HSS DRILL BIT SETS

A range of three popular HSS drill bit sets in robust cases. Industrial grade metric drill bit in high speed HSS steel for accurate and easy drilling of all metals, special and hardened steels and alloys.

The jobber drills comply with BS328, Din338 and ISO 235/1.

A) HSS 18pc drill bit set (1-10mm) in robust 'Toughbox' case. Contains sizes 1, 1.5, 2.5, 3.5, 4.5, 5, 5.5, 6, 7, 8, 9, 10 and 2 x (2, 3 and 4mm).

B) HSS 19pc drill bit set (1-10mm) in robust 'Toughbox' case. Contains sizes 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5 and 10.0mm.

C) HSS 19pc drill bit set (1-10mm) in robust steel case. Contains sizes 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5 and 10.0mm.

D) HSS 25pc drill bit set (1-13mm) in robust steel case. Sizes: 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5 and 13mm.

E) HSS 13pc drill bit set (1.5-6.5mm) in robust steel case. Contains sizes 1.5, 2.0, 2.5, 3.0, 3.2, 3.5, 4.0, 4.5, 4.8, 5.0, 5.5, 6.0 and 6.5mm.



PART NO.	DESCRIPTION	PRICE
N36-4736	A) HSS 18PC DRILL BIT SET (1-10MM)	28.79
N36-7496	B) HSS 19PC DRILL BIT SET (1-10MM)	21.74
N36-5018	C) HSS 19PC DRILL BIT SET (1-10MM)	15.40
N36-3516	D) HSS 25PC DRILL BIT SET (1-13MM)	44.91
N36-7448	E) HSS 13PC DRILL BIT SET (1.5-6.5MM)	11.69

DEWALT EXTREME 2 DRILL BIT 3MM

The NEW EXTREME 2™ Metal drill bit designed to maximise drill performance.

- Faster drilling - up to 4x faster than standard HSS-R drill bits.
- Increased durability - up to 50% stronger than standard HSS-R drill bits.
- Cleaner, more accurate, burr-free holes due to recessed cutting wings.
- Gold Ferrous Oxide coating prevents overheating for longer bit life.

Available in 3,5,8,10 and 13mm.

PART NO.	DESCRIPTION	PRICE
N36-1995	DEWALT EXTREME 2 DRILL BIT 3MM	3.42
N36-1996	DEWALT EXTREME 2 DRILL BIT 5MM	2.63
N36-1997	DEWALT EXTREME 2 DRILL BIT 8MM	3.97
N36-1998	DEWALT EXTREME 2 DRILL BIT 10MM	6.40
N36-1999	DEWALT EXTREME 2 DRILL BIT 13MM	10.30

HSS COBALT 18PC DRILL BIT SET (1-10MM) IN ROBUST STEEL CASE

Contains sizes 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5 and 10.0mm.



PART NO.	DESCRIPTION	PRICE
N36-7520	HSS COBALT 18PC DRILL BIT SET (1-10MM)	32.45

HSS COBALT TWIST DRILL BIT SETS

The HSS Twist Drill Bit Cobalt provides long-lasting performance when drilling stainless steel. This drill bit works with alloyed and non-alloyed steel, stainless steel, cast iron, cast steel and acid- and heat-resistant steels.

The HSS Twist Drill Bit Cobalt is manufactured to DIN 338. The drill bit is Type N (flute angle) with a 135-degree tip providing centring without wandering.

A) HSS Cobalt 25pc drill bit set (1-13mm) in robust steel case

Contains sizes 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10.0, 10.5, 11.0, 11.5, 12.0, 12.5 and 13.0mm

B) HSS Cobalt 13pc drill bit set (1.5-6.5mm) in robust steel case

Contains sizes 1.5, 2, 2.5, 3, 3.2, 3.5, 4, 4.5, 4.8, 5, 5.5, 6 and 6.5mm



PART NO.	DESCRIPTION	PRICE
N36-7507	A) HSS COBALT 25PC DRILL BIT SET (1-13MM)	77.23
N36-7458	B) HSS COBALT 13PC DRILL BIT SET (1.5-6.5MM)	32.15

PROFESSIONAL TRADE AND DOUBLE AND TRIPLE LADDERS

Re-designed, tested and manufactured in the UK and built from the best quality aluminium and certified to the new EN131-2 Professional standard for frequent and heavy duty work. Now supplied with a high quality stabiliser bar for maximum safety and stability.

Features:

- Tested & certified to New EN131-2, Professional Maximum Load 150kg.
- Manufactured with D shaped rung for comfort when climbing.
- Newly designed stabiliser bar which is easy to fit and reduces the risk of sideways slips and gives a larger and safer footprint.
- Tested to a durability test of 50,000 cycles.
- Improved box section stiles and strengthened rungs inline with the new standard requirements.
- Secure non-slip grip with all round PVC moulded feet.
- British Made.



2 SECTION (DOUBLE) LADDERS (SAFE WORKING HEIGHTS)

PART NO.	DESCRIPTION	WEIGHT	PRICE
S00-1253	A) 4.88M 2 SECTION (2.92M CLOSED)	12KG	108.75
S00-1254	A) 5.94M 2 SECTION (3.42M CLOSED)	15.6KG	139.09
S00-1474	A) 7.03M 2 SECTION (4.04M CLOSED)	18.2KG	152.94
S00-1475	A) 7.81M 2 SECTION (4.42M CLOSED)	21.4KG	171.86

3 SECTION (TRIPLE) LADDERS (SAFE WORKING HEIGHTS)

PART NO.	DESCRIPTION	WEIGHT	PRICE
S00-3017	B) 6.85M 3 SECTION (2.92M CLOSED)	21.5KG	173.73
S00-1255	B) 8.46M 3 SECTION (3.42M CLOSED)	26.5KG	211.49

TELESTEPS TELESCOPIC COMBINATION LADDER

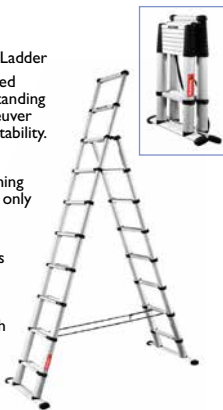
Telesteps Telescopic Combination Ladder

The Combi Line can be transformed between leaning ladder and free-standing steppladder with one simple manoeuvre offering versatility and maximum stability.

Wide treads for safety.

Use as free standing ladder or leaning ladder. Simple locking system with only two buttons.

- EN 131 and SP (RISE) certified
- Easy to transport - fits in all cars
- Compact and easy to carry
- Available in two sizes
- 8 Tread -Working height 3.1m, closed height 2.3m, closed length 0.71m Weight 14.5kg
- 10 Tread Working height 3.8m, closed height 3.0, closed length 0.78m Weight 19.5kg



PART NO.	DESCRIPTION	PRICE
S00-6175	8 TREAD TELESTEPS	257.45
S00-6174	10 TREAD TELESTEPS	319.30

BT 5B ALUMINIUM AND 7B GRP 2.5M TRIPLE EXTENSION LADDER

Features:

- Comfortable 1.6m wall D.rung profile
- Available in aluminium weighing 18.5kg or non-conductive GRP (fibreglass) weighing 23.0kg
- Double safety catch
- Fitted with nylon rollers for easy operation with minimum effort
- Supplied with lashing rope & ferrule fittings
- Certified to BS 2037 Class 1
- Closed height 2.5m - opened height 6m



PART NO.	DESCRIPTION	PRICE
S00-1481	A) BT 5B ALUMINIUM LADDER	331.35
S00-9028	B) BT 7B GRP LADDER	398.30

XTEND & CLIMB TELESCOPIC LADDER

The perfect portable ladder, this 13-rung telescopic ladder closes down to 0.76m but extends to 3.8m and weighs only 11kg. Ideal for installers and surveyors, the ladder can be easily stored in a car boot, van or cupboard.

Easy to operate by simply lifting each section out to the desired height and using the release locks to safely lower each section without trapping fingers.

- Certified to EN131



PART NO.	DESCRIPTION	PRICE
S00-8015	XTEND & CLIMB TELESCOPIC LADDER	257.45

MILLS SWINGBACK FIBREGLASS STEP LADDERS

Professional swing back step ladders, constructed from robust and weather resistant, non-conductive, fibreglass stiles and comfortable aluminium rungs with a slip resistant profile.

These step ladders are insulated to 30,000 volts and are designed for use in live electrical environments. They feature a moulded multi-functional holster top for stowing and organising tools as well as heavy duty bracing to protect the base tread from damage.

In addition, the steps have 'H section' spreader arms making them very easy, safe and quick to deploy.

This range of step ladders have a 150kg working capacity and are ideal for working in electrical environments.

Approved to the latest EN131 standards.

- Suitable for professional trade use
- Independently tested to non-conductive 30,000V rating
- Integral tool rack
- 150kg static load rating (max)
- Comfortable aluminium rungs with a slip resistant profile
- 'H section' spreader arms for quick easy and safe deployment



A) 4 Tread
Open Height 1.1m
Closed Length 1.17m
Number of Treads 4
Weight: 5.7kg

B) 5 Tread
Open Height 1.30m
Closed Length 1.47m
Number of Treads 5
Weight: 7.0kg

C) 6 Tread
Open Height 1.60m
Closed Length 1.77m
Number of Treads 6
Weight: 8.1kg

D) 7 Tread
Fibreglass Step Ladders
Open Height 1.87 metres
Closed Length 2.07 metres
Number of Treads 7
Weight: 9.5kg

E) 8 Tread
Open Height 2.11m
Closed Length 2.37m
Number of Treads 8
Weight: 10.7kg

PART NO.	DESCRIPTION	PRICE
S00-1532	A) MILLS SWINGBACK FIBREGLASS STEP LADDER 4 TREAD	107.15
S00-1533	B) MILLS SWINGBACK FIBREGLASS STEP LADDER 5 TREAD	44.24
S00-1534	C) MILLS SWINGBACK FIBREGLASS STEP LADDER 6 TREAD	52.79
S00-1535	D) MILLS SWINGBACK FIBREGLASS STEP LADDER 7 TREAD	59.74
S00-1536	E) MILLS SWINGBACK FIBREGLASS STEP LADDER 8 TREAD	71.07

LADDER TAGS

Ladder tags help ensure compliance with HSE regulations, providing a clear record of ladder safety inspections. Tags are supplied with inserts and spare inserts are available.

Inserts are double-sided with inspection schedule on one side, and 'Do Not Use' on the other side.



PART NO.	DESCRIPTION	PRICE
S00-4239	LADDER TAG HOLDER & INSERT	4.07
S00-7845	LADDER HOLDER ONLY	2.07
S00-7846	LADDER TAG INSERT ONLY	1.43

ALUMINIUM STEPS CLASS I BS2037

Featuring:

- Double rivetted treads, & double braced legs
- Double braced horn end
- Rigid box section back legs
- Deep, non-slip treads & safety feet

PART NO.	Closed Ht.Mtr.	Open Ht.Mtr.	Treads	Duty Rating Kg/Stone
S00-3035	0.89	0.81	4	130/20.5
S00-3055	1.14	1.03	5	130/20.5
S00-3056	1.38	1.26	6	130/20.5
S00-3057	1.62	1.48	7	130/20.5
S00-3058	1.86	1.70	8	130/20.5
S00-4279	2.34	2.17	10	130/20.5
S00-4280	2.82	2.57	12	130/20.5

NB: Specified number of treads includes top



PART NO.	DESCRIPTION	PRICE
S00-3035	4 TREAD STEP LADDER CLASS I	48.12
S00-3055	5 TREAD STEP LADDER CLASS I	58.45
S00-3056	6 TREAD STEP LADDER CLASS I	64.89
S00-3057	7 TREAD STEP LADDER CLASS I	74.69
S00-3058	8 TREAD STEP LADDER CLASS I	85.62
S00-4279	10 TREAD STEP LADDER CLASS I	97.19
S00-4280	12 TREAD STEP LADDER CLASS I	113.63

LITTLE GIANT MIGHTYLITE FIBREGLASS PLATFORM STEP LADDER, 2, 3, 4 OR 6 TREADS

A) 2 Tread:
Approximate working height: 2.16 metres
Platform Height: 0.56 metres
Storage Height: 1.27 metres
Platform Size: 330 x 330mm
Weight: 5.4kg

B) 3 Tread:
Approximate working height: 2.46 metres
Platform Height: 0.86 metres
Storage Height: 1.57 metres
Platform Size: 330 x 330mm
Weight: 6.4kg

C) 4 Tread:
Approximate working height: 2.74 metres
Platform Height: 1.14 metres
Storage Height: 1.88 metres
Platform Size: 330 x 330mm
Weight: 7.9kg

D) 6 Tread:
Approximate working height: 3.33 metres
Platform Height: 1.73 metres
Storage Height: 2.49 metres
Platform Size: 330 x 330mm
Weight: 10.9kg



PART NO.	DESCRIPTION	PRICE
S00-9342	A) MIGHTYLITE PLATFORM STEPS 2 TREAD	83.44
S00-9343	B) MIGHTYLITE PLATFORM STEPS 3 TREAD	97.54
S00-9344	C) MIGHTYLITE PLATFORM STEPS 4 TREAD	121.25
S00-9345	D) MIGHTYLITE PLATFORM STEPS 6 TREAD	155.19

ALUMINIUM MULTI-PURPOSE LADDER EN131

- Four section hinged ladder
- Square rungs and box-section stiles give exceptional strength and rigidity
- Large click-stopped hinges ensure a safe, positive lock in each position

Multi Purpose Modes:

- Step ladder
- Stairway ladder
- Leaning ladder
- Leaning ladder with standoff
- Work bench



Closed Ht.Mtr.	Safe W/H Mtr	Rungs	Duty Rating Kg/Stone
0.950	3.86	3	110/17.3

PART NO.	DESCRIPTION	PRICE
S00-9595	MULTI PURPOSE LADDER	79.23

KING KOMBO LADDER 3-IN-1 EXTENSION LADDER

King Kombo is the world's first and only 3-in-1 extension ladder, leaning ladder and stepladder combination, in one lightweight package.

This 3 in 1 ladder is manufactured from non-conductive Hi-Visability green fiberglass and features ultra-heavy-duty feet to ensure traction and durability for harsh industrial environments. The King Kombo also benefits a V groove top rung when extended for accessing poles and corners.

Wide-flared side offers superior side-tip stability and the ladder has a maximum load capacity of 150kg.

The King Kombo is available in 3 heights as follows:

- A) 2 Section 5 Rung, closed Length 1.5 metres, extended Length: 2.6 metres giving an approx Working Height: 3.1 metres- Weight: 9kg
- B) 2 Section 6 Rung, closed Length 1.8 metres, extended Length: 3.0 metres giving an approx Working Height: 3.4 metres- Weight: 9.9kg
- C) 2 Section 8 Rung, closed Length 2.4 metres, extended Length: 4.2 metres giving an approx Working Height: 4.6 metres- Weight: 12.8kg

A



B



C



PART NO.	DESCRIPTION	PRICE
S00-9349	A) 2 SECTION 5 RUNG KING COMBO	171.96
S00-9350	B) 2 SECTION 6 RUNG KING COMBO	191.38
S00-9351	C) 2 SECTION 8 RUNG KING COMBO	255.63

ALUMINIUM 3 SECTION COMBINATION LADDER GS BS EN131

- Quickly adapts to each mode
- Easy to transport and use
- Stabiliser bar and restraining straps
- EN131 certified

3 Modes

- Step ladder
- Extension ladder
- Extending Step ladder

PART NO.	Product Name	Closed Ht.Mtr.	Safe W/H Mtr	Rungs	Duty Rating Kg/Stone
S00-9596	2.0m Step Ladder	1.98	2.44	7+7+7	110/17.3
	Ext. Ladder		4.56		
	Ext. Step Ladder		3.48		
S00-9597	2.5m Step Ladder	2.54	2.97	9+9+9	110/17.3
	Ext. Ladder		5.88		
	Ext. Step Ladder		4.54		
S00-9598	3.0m Step Ladder	3.10	3.50	11+11+11	110/17.3
	Ext. Ladder		7.44		
	Ext. Step Ladder		5.59		



PART NO.	DESCRIPTION	PRICE
S00-9596	2.0M COMBINATION LADDER	POA
S00-9597	2.5M COMBINATION LADDER	POA
S00-9598	3.0M COMBINATION LADDER	POA

HYPERLITE SUMOSTANCE 2 SECTION GLASSFIBRE EXTENSION LADDER 6.7 METRE

The HyperLite™ SumoStance® is a lightweight 2 section glassfibre extension ladder featuring a patented levelling outrigger system, which more than doubles the ladder's base width and increases side-tip stability. Twin-mounted spirit levels assist with ladder positioning.

The ladder also benefits from bowed top rung for pole climbing and has an audible clicker on the bottom rung which alerts the user that last rung has been reached.

The Hyperlite comprises 2 sections of 12 rungs with closed Length of 3.8 metres and an extended height of 6.7m. The width is 571mm.



PART NO.	DESCRIPTION	PRICE
S00-9341	HYPERLITE SUMOSTANCE 2 SECTION GLASSFIBRE EXTENSION LADDER 6.7 METRE	472.27

LITTLE GIANT CLASSIC VELOCITY MULTIPURPOSE LADDER

Versatile aluminium step ladders with extending legs allowing the ladders to be used as short equal sided steps, long equal-sided steps, stairwell ladder, extended ladder and trestle.

Rated to 150kg. Complies with US OSHA/ANSI standard (equivalent to EN131).

A) 4 Rung Little Giant, approximate Working Height 4.7 metres, extended Length: 2.7 - 4.5 metres, step ladder height: 1.3 - 2.2 metres, Weight: 13.8Kg

B) 5 Rung Little Giant, approximate Working Height 5.9 metres, extended Length: 3.3 - 5.7 metres, step ladder height: 1.6 - 2.7 metres, Weight: 17.7Kg

C) 6 Rung Little Giant, approximate Working Height 7.0 metres, extended Length: 3.9 - 6.9 metres, step ladder height: 2.0 - 3.2 metres, Weight: 22.5Kg



PART NO.	DESCRIPTION	PRICE
S00-9338	A) 4 RUNG VELOCITY MULTIPURPOSE LADDER	222.80
S00-9339	B) 5 RUNG VELOCITY MULTIPURPOSE LADDER	253.31
S00-0059	C) 6 RUNG VELOCITY MULTIPURPOSE LADDER	317.33

LITTLE GIANT DARK HORSE GRP FIBREGLASS MULTI-PURPOSE LADDER

Little Giant Dark Horse is a fibreglass version of the Little Giant Classic Velocity Multipurpose Ladder with extendable legs allowing the ladders to be used as short equal sided steps, long equal sided steps, as a stairwell ladder and also as an extended ladder and trestle maximum weight capacity 150kg EN131 - available in 3 sizes.

A) 3 Rung Dark Horse -working height 3.5 metres, extended Length 1.9 - 3.0 metres, Weight 15.3 kg

B) 4 Rung Dark Horse -working height 4.6 metres, extended Length 2.5 - 4.2 metres, Weight 18.2 kg

C) 5 Rung Dark Horse -working height 5.7 metres, extended Length 3.1 - 5.3 metres, Weight 20.6 kg



PART NO.	DESCRIPTION	PRICE
S00-1525	3 RUNG DARK HORSE MULTI-PURPOSE LADDER	344.31
S00-1526	4 RUNG DARK HORSE MULTI-PURPOSE LADDER	400.29
S00-1527	5 RUNG DARK HORSE MULTI-PURPOSE LADDER	462.99

LITTLE GIANT WING SPAN

The Wing Span 'stand off' is compatible with the Little Giant ladder range and ideal in when working around windows, rain gutters, bushes, overhangs and other obstacles.

Dimensions: 51 in. x 15 in. x 3 in.
Weight: 2.3kg



PART NO.	DESCRIPTION	PRICE
S00-0674	LITTLE GIANT WING SPAN	39.95

LITTLE GIANT CARGO HOLD

Cargo Hold, is a fabric ladder mountable tote tray, designed to fit securely onto any shape ladder rung, including all Little Giant ladders. Dimensions: 304 x 178 x 127mm.



PART NO.	DESCRIPTION	PRICE
S00-2535	LITTLE GIANT CARGO HOLD	29.93

CHERRY PICKER TOTE TRAY

A versatile container for all your overhead cable consumables and tools - ideal for use with a cherry picker (MEWP) or ladder. It is ergonomically designed to have easy access to tools, gives a safe environment to work and makes it possible to do your job faster.



PART NO.	DESCRIPTION	PRICE
B83-2066	CHERRY PICKER TOTETRAY	18.49

LITTLE GIANT WORK PLATFORM

The versatile Work Platform fits on the rungs of any Little Giant multi-use ladder and is rated to hold the same weight as your ladder, up to 150kg. Use it as a tray for a paint bucket or tools, or use it as a sturdy, comfortable standing platform.



PART NO.	DESCRIPTION	PRICE
S00-2538	LITTLE GIANT WORK PLATFORM	31.56

STANDARD ALUMINIUM FIXED HEIGHT LOW LEVEL WORK PLATFORM (ORIGINAL ODD JOB)

A trade quality lightweight aluminium platform that enables the user to access those areas that are just out of reach from ground level. It is ideal for painters and decorators, plumbers and plasterers – in fact, it's so versatile that there are a few professionals that could not find a use for it.

- Perfect for all odd jobs around the home or workplace
- Easy to use, easy to store
- Broad base for extra stability
- Large working platform area

Specification:

- Platform Size - 0.3 x 0.7m
- Platform Height - 0.51m
- Folded size - 0.734 x 0.378 x 0.175m
- Safe Working Height- 2.0m
- Duty Rating -110kg (17.3 stone)
- Product Weight - 4.0kg



PART NO.	DESCRIPTION	PRICE
S00-9591	STANDARD PLATFORM	32.76

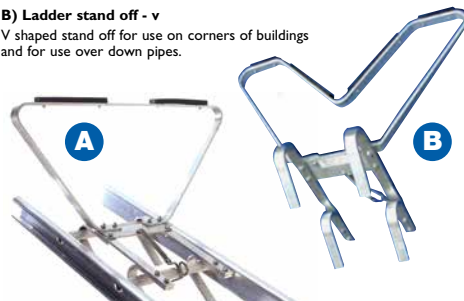
LADDER STAND OFF

A) Ladder stand off - flat

Makes working at heights easier and safer. Avoids damage to gutters, tiles and window frames.

B) Ladder stand off - v

V shaped stand off for use on corners of buildings and for use over down pipes.



PART NO.	DESCRIPTION	PRICE
S00-1186	A) LADDER STAND OFF - FLAT	33.33
S00-1187	B) LADDER STAND OFF - V	25.22

LITTLE GIANT JUMBO STEP™

The new Little Giant Jumbo Step™ features a 21.5cm wide, slip-resistant treads and stair-like design provide unmatched comfort and stability. Max Load 150kg EN14183

Available in 3 sizes

A) 2 Tread- Approximate Working Height: 2.1 metres, platform Height: 0.5 metre, closed Height: 0.8 metres, Weight: 5.0kg

B) 3 Tread- Approximate Working Height: 2.3 metres, platform Height: 0.7 metre, closed Height: 1.1 metres, Weight: 7.3kg

C) 4 Tread- Approximate Working Height: 2.5 metres, platform Height: 0.9 metre, closed Height: 1.4 metres, Weight: 9.1kg



PART NO.	DESCRIPTION	PRICE
S00-9346	A) 2 TREAD LITTLE GIANT JUMBO STEP	108.23
S00-9347	B) 3 TREAD LITTLE GIANT JUMBO STEP	133.28
S00-9348	C) 4 TREAD LITTLE GIANT JUMBO STEP	165.98

STEP UPS

A) Folding Step-Up Stool

This single step folding stool measures 31 x 22cm with a height of 22cm and is a compact, lightweight yet sturdy option that has a maximum even weight capacity of 150kg EN14183 Certified.



B) Extra Height Folding Step-Up Stool

This extra height single step folding stool measures 31 x 22cm with a height of 32cm and is a compact, lightweight yet sturdy option that has a maximum even weight capacity of 150kg EN14183 Certified.



PART NO.	DESCRIPTION	PRICE
B99-1610	A) FOLDING STEP-UP STOOL	13.23
B99-1611	B) EXTRA HEIGHT FOLDING STEP-UP STOOL	14.70

STAND OFFS

A range of ladder stand offs, top end stability devices (TESD) featuring D Wheel.

A) 'The Microlite' is the ultimate Class 1 industrial stand-off that instantly secures ladders at the top before climbing.

B) 'The Extra' weighs 1.8kg and instantly secures ladders at the top before climbing up. With its high reach and versatility, The Extra is particularly suitable for the painting and fitting trades.

C) 'The Compact' weighs 1.5kg and boasts both high reach and compactness with no bulky outriggers. This top end stability device (TESD) is ideal for window cleaners and general maintenance.

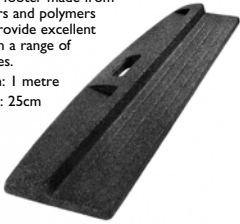


PART NO.	DESCRIPTION	PRICE
S00-7710	A) 'THE MICROLITE' LADDER STABILISER	138.45
S00-1189	B) 'THE EXTRA' LADDER STABILISER	93.12
S00-1190	C) 'THE COMPACT' LADDER STABILISER	71.63

LADDER BASE

Ladder Base is a low cost ladder footer made from rubbers and polymers that provide excellent grip on a range of surfaces.

Length: 1 metre
Width: 25cm



PART NO.	DESCRIPTION	PRICE
S00-0653	LADDER BASE	25.84

LADDERMAT LADDER LEVELLER

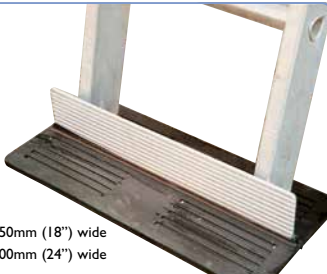
Four heavy-duty rubber mats, linked by a sturdy metal loop offer adjustable anti-slip blocking when using ladders on slopes or uneven surfaces. On smooth surfaces they help prevent the ladder from slipping and on soft surfaces they help prevent the ladder sinking.



PART NO.	DESCRIPTION	PRICE
S00-8833	LADDERMAT LADDER LEVELLER	15.11

LADDER STOPS

Top quality T piece bonded into an 11mm vulcanised rubber base complete with 2mm tread. Available in three models.



- A) For ladders up to 450mm (18") wide
B) For ladders up to 600mm (24") wide

PART NO.	DESCRIPTION	PRICE
S00-1487	A) LADDER STOPS LARGE	56.44
S00-1492	B) LADDER STOPS EXTRA LARGE	81.55

LADDER TAGS

Ladder tags help ensure compliance with HSE regulations, providing a clear record of ladder safety inspections. Tags are supplied with inserts and spare inserts are available.

Inserts are double-sided with inspection schedule on one side, and 'Do Not Use' on the other side.



PART NO.	DESCRIPTION	PRICE
S00-4239	LADDER TAG HOLDER & INSERT	4.07
S00-7845	LADDER HOLDER ONLY	2.07
S00-7846	LADDER TAG INSERT ONLY	1.43

LADDER M8RIX PROFESSIONAL

The revolutionary Ladder M8rix gives secure footing for ladders on most hazardous exterior surfaces such as oily concrete, gravel, decking, paving slabs, grass and even solid ice. A matrix of 2000 heavy duty metal spikes on the base securely grip the surface to prevent sliding, while the top surface uses a rubber grips and shoulder system to secure the base of the ladder.

Supplied with rugged carry case.



PART NO.	DESCRIPTION	PRICE
S00-7961	LADDER M8RIX PROFESSIONAL	59.06

LADDER WARNING STICKERS

Ladder safety advisory stickers for extension ladders.

A set of 3 self-adhesive ladder safety advisory labels, designed for use on most trade double and triple extension ladders, comprising one 'Use Ladder Stand Off' label which wraps round the top rung of the ladder and is visible from both sides, together with two 'Use Ladder Footer' labels which need to be affixed to the two stiles (stringers) at the base of the ladders.



PART NO.	DESCRIPTION	PRICE
S00-4451	LADDER WARNING STICKERS	3.04

LADDER M8RIX PRO-PLUS

The Ladder M8rix Pro-Plus features the Ladder M8rix Professional for secure footing on external surfaces plus a modified case for grip on polished internal surfaces. A heavy duty rubber moulding on the underside of the case provides high-grip on surfaces such as ceramic or marble tiles, laminate flooring, vinyl or even glass floors and prevents the spikes of the Ladder M8rix from damaging the floor.

Supplied with rugged carry case.



PART NO.	DESCRIPTION	PRICE
S00-8308	LADDER M8RIX PRO-PLUS	89.22

LADDER TIES

Used to leash Ladders Extension 5B (S00-1481) and 7A (S00-9028) when working on poles.

An 8m x 6mm leash supplied with end stiffeners to allow pole ladders to be secured using the fourth run to a pole, when the ladder is angled at a four up, one out ratio.

Supplied in a plastic wallet with full operating instructions.

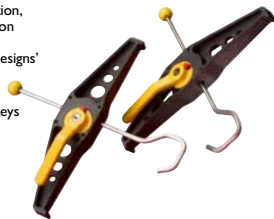


PART NO.	DESCRIPTION	PRICE
S83-0789	LADDER TIES	4.07

RHINO SAFECLAMP LADDER CLAMP

A revolutionary universal design for the safe transporting and securing of ladders onto roof bars and racks.

- Manufactured from tough composite plastic
- Features Stainless steel hook
- Accredited by 20g crash & 'life cycle testing'
- Simple locking handle operation, ensures a swift clamping action of up to 5 times faster than 'conventional ladder clamp designs'
- Key locks supplied: Each Safeclamp is supplied complete with two locking keys (No lost padlocks anymore)
- Supplied in pairs



PART NO.	DESCRIPTION	PRICE
S00-3749	SAFECLAMP LADDER CLAMP (PAIR)	55.18

LITTLE GIANT PADLOCK

Little Giant Universal ladder lock giving a practical system for the safe, convenient and secure storage of most ladders. Hooks come complete with a locking bar for additional security if a padlock is required. Two brackets are approximately 225 x 170mm.



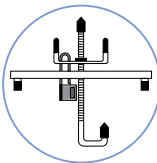
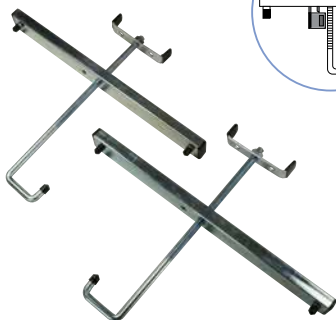
PART NO.	DESCRIPTION	PRICE
S00-2536	LITTLE GIANT PADLOCK	27.31

CIVILS & SITE EQUIPMENT

UNIVERSAL LADDER CLAMPS

305mm long x 55mm hook.

Sold in pairs.



PART NO.	DESCRIPTION	PRICE
S13-1259	PAIR LADDER CLAMPS	29.50

RIDGEGEAR RGL3 I LADDER RESTRAINT LANYARD

This short lanyard has been specifically designed for ladder restraint when a shorter lanyard is required. The two attachment points can be used to adjust the length between the operator and the ladder when climbing.

Lengths: 0.56m, can be reduced to 0.44m



PART NO.	DESCRIPTION	PRICE
S00-1930	LADDER RESTRAINT LANYARD	36.12

A) BRASS PADLOCKS

With hardened steel shackles & supplied with 2 keys.

B) LONG SHACKLE PADLOCK

2" (50mm) with 2 1/2 (60mm) long shackle.

C) EXTRA HEAVY DUTY CHAIN C/W PADLOCK

The set features a robust hardened steel, laminated padlock, with a 4-pin brass tumbler mechanism and a 90cm hardened steel chain with nylon sleeve.



PART NO.	DESCRIPTION	PRICE
S99-1110	A) 38MM - 1 1/2" PADLOCK	2.79
S99-1111	A) 50MM - 2" PADLOCK	4.74
S99-1472	B) LONG SHACKLE PADLOCK	8.04
S00-7889	C) HEAVY DUTY CHAIN AND PADLOCK	19.92

SAFETY HARNESSES

SEE PAGES 244-248



TETRA LEANING LADDER & POLE KIT

Complete Leaning Ladder & Pole Kit, providing three points of contact at the head of the ladder, as used by Openreach Engineers.

Comprising:

- 1 x Cow's Tail including Small Twist Lock Karabiners and Large Scaffold Karabiner
- 2 x 12mm Diameter Reusable Ladder Tie Bolt
- 2 x 6 Metre Ladder Strap with Cam Buckle & Karabiners
- 1 x Hi Vis Ladder Yoke
- 1 x Rope Grab including Twist Lock Karabiner
- 1 x 10 metre x 11mm Diameter Static Kernmantle Rope including Aluminium Scaffold Karabiner
- 1 x Day Glow Tape Sling complete with 7 sewn loops for securing ladders to pole
- 1 x Storage Bag Medium
- 1 x 12.5mmØ SDS Plus Masonry Drill Bit



PART NO.	DESCRIPTION	PRICE
S00-0984	TETRA LEANING LADDER & POLE KIT	303.33

TETRA SECOND LADDER KIT

Complete Second Ladder Kit as used by Openreach Engineers.

Comprising:

- 2 x 6 Metre Ladder Strap with Cam Buckle & Karabiners
- 1 x Hi Vis Ladder Yoke
- 1 x 10 metre x 11 mm Diameter Static Kernmantle Rope including Aluminium Scaffold Karabiner
- 1 x Day glow tape sling complete with 7 sewn loops for securing ladders to pole
- 1 x Storage Bag Medium



PART NO.	DESCRIPTION	PRICE
S00-0988	TETRA SECOND LADDER KIT	160.71

TETRA FLAT ROOF KIT

Complete Flat Roof Kit as used by Openreach Engineers.

Comprising:

- 1 x 20mm Reusable Eyebolt for Flat Roof Use
- 1 x 3 Metre Kernmantle Rope and Karabiner for Flat Roof Use
- 1 x 20 mm Ø SDS Plus Masonry Drill Bit



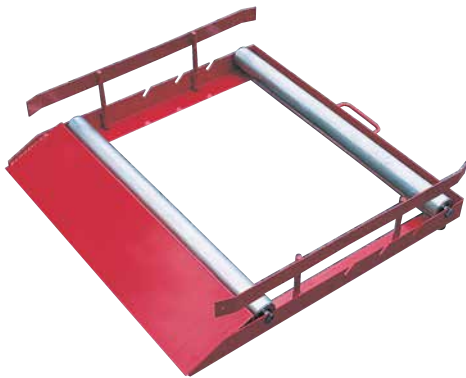
PART NO.	DESCRIPTION	PRICE
S00-1025	TETRA FLAT ROOF KIT	59.29

EXTRA LARGE CABLE ROLLER STAND

Extra large cable roller stand capable of reeling drums with a weight of up to 700kg, diameter of 1000mm and widths of up to 700mm.

Manufactured from powder coated stainless steel, the base has a carry handle for easy carrying. The roller stand further benefits from a large retractable ramp for easy loading and four height adjustable, non-slip rubber feet for ease of dispensing.

Dimensions: H 160 x W 750 x L 780mm.



PART NO.	DESCRIPTION	PRICE
S00-5000	EXTRA LARGE CABLE ROLLER STAND	215.57

CABLE DRUM ROLLER RAILS

Aluminum roller tracks suitable for safe winding and unwinding of cable reels of infinitely varying widths.

The stands are constructed from precision welded aluminum profiles, with slidable adjustable rollers able to manage cable drum reels from 400mm to 800mm diameter with a maximum weight of 200kg- Sold in Pairs.



PART NO.	DESCRIPTION	PRICE
S00-5013	CABLE DRUM ROLLER RAILS (PAIR)	188.11

ALUMINIUM CABLE ROLLER STANDS

The sturdy frame is manufactured in an aluminium alloy structure, with galvanized steel revolving rollers. The position of the revolving rollers can be adjusted in order to host drum of cables with ϕ from 200 mm to 700 mm. New anti-sliding ramps with minimum incline angle include lateral guide devices to contain the drum to enable safe and easy drum positioning on the unrolling frame.

These cable roller stands are available in two widths as follows:

A) Standard Cable Roller Stand. Suitable for cable drums with diameters 200 mm to 700 mm, max. drum width 515mm and max. drum weight 200kg. Weight: 8kg.

B) Large Cable Roller Stand. Suitable for cable drums with diameters 200 mm to 700 mm, max. drum width 670mm and max. drum weight 250kg. Weight: 11kg.



PART NO.	DESCRIPTION	PRICE
S03-6600	A) STANDARD CABLE ROLLER STAND	126.98
S03-4817	B) LARGE CABLE ROLLER STAND	154.47

**CABLE DRUM GUIDE SMALL
DIAM 400-1200MM (SET OF 2)**

Extra Heavy duty cable drum roller rails with aluminium rollers capable of accepting cable drums up to a weight of 1000kg – The rollers are supplied in pairs with 2 link rods to connect them ensuring they remain parallel when in use.

These rollers are available in two sizes as follows:

A) Heavy duty cable drum roller rail with aluminium rollers capable of accepting cable drums up to a weight of 1000kg with a diameter of 400mm to 1200mm. Weight: 18kg

B) Extra heavy duty cable drum roller rails with aluminium rollers capable of accepting cable drums up to a weight of 1000kg with a diameter of 800mm to 1850mm. Weight: 9kg

Sold in pairs with link rods



PART NO.	DESCRIPTION	PRICE
S03-3533	A) CABLE DRUM GUIDE SMALL DIAM 400-1200MM (SET OF 2)	343.42
S03-3536	B) EX HEAVY DUTY CABLE ROLLER RAIL 800-1850MM (SET OF 2)	386.06

MILLS UNIVERSAL CABLE DRUM DISPENSER

A heavy duty multi-purpose cable caddy, ideal for use with telecom, security datacom and electrical cable reels.

The cable caddy will accept cable reels with a diameter of up to 360mm, a maximum width of 330mm and a spindle diameter of up to 35mm.

Cable reels can be quickly and easily loaded on the cable caddy and retained in position by the captive 'quick action' antiluce fastener.

A 30mm tie off ring is provided to assist with storage and transportation.

Cable not included.



PART NO.	DESCRIPTION	PRICE
S00-5796	UNIVERSAL CABLE DRUM DISPENSER	63.46

STEEL CABLE CADDY WITH WHEELS AND PULL STRAP

The Cable Caddy is made of 22 mm diameter tubular steel, includes wheels, and has a permanently mounted strap for enhanced portability.

Capable of holding cable reels weighing up to 45.4 kg and measuring up to 50.8 cm wide and 43.2 cm in diameter.

Easy setup by just placing cable caddy on the floor, removing the cotter pin, and loading the reel.

Weight
9.3 lb (4.2 kg).



PART NO.	DESCRIPTION	PRICE
S00-1632	STEEL CABLE CADDY WITH WHEELS AND PULL STRAP	63.46

DISPENSER DROPWIRE 2C

A specialist cable stand and dispenser, manufactured from tubular steel construction dropwire dispenser with an adjustable tensioning device to prevent overrun of the drum. The drum is held by means of a spring loaded spindle. The unit further benefits from telescopic handle giving a collapsed height of 600mm.

The 2B has now evolved to a 2C with the modification of the spindle which is now less than 100mm in length and replaces the legacy mechanism allowing for much easier loading procedure.

Ref: 127548 / 126468.

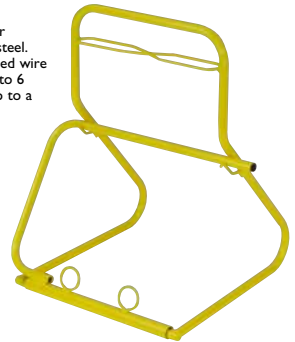


PART NO.	DESCRIPTION	PRICE
S00-8426	DISPENSER DROPWIRE 2C	66.67

DISPENSER 1A

A lightweight cable dispenser manufactured from tubular steel. Designed for dispensing reeled wire jumper & internal cable (up to 6 pair). It will accept drums up to a diameter of 50cm.

Dimensions:
330 x 330 x 460mm
Weight: 1.8 kg



PART NO.	DESCRIPTION	PRICE
S83-4688	DISPENSER 1A	30.77

PORTABLE DRUM RACK 500KG

High quality, easy to assemble, adjustable rolling rack designed for use with both small and medium fibre drums and manufactured from galvanized steel with an aluminium axle. Fully adjustable making it ideal for use on uneven surfaces.

Maximum Load: 500 kg
For Drum Diameters:
Ø 500-1250 mm
For Drum Widths:
200-800 mm
For Drum Centre Hole
Diameter: Ø 60-89 mm
Weight: 39kg



PART NO.	DESCRIPTION	PRICE
S03-9333	PORTABLE DRUM RACK 500KG	1539.85

DRAWROPE DISPENSER

A specialist stand with locking handle for dispensing standard 6mm Draw Rope No.1 from 500m reels.

Dimensions:
530mm x 280mm x 60mm
Weight: 4.7kg



PART NO.	DESCRIPTION	PRICE
S00-1239	DRAWROPE DISPENSER	46.97

A) MILLS 24" CABLE A FRAME DRUM STAND DISPENSER



24 Inch Universal Cable Reel Stand - Suits drums up to 600mm diameter, 500mm width and weight of 100kg.

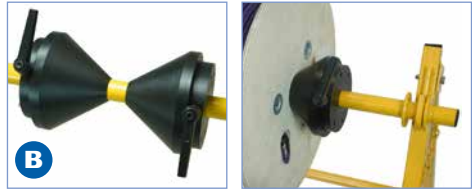
Dimensions:
780 x 750 x 180mm.
Weight: 10kg.

B) MILLS CABLE DRUM CONES FOR CABLE A FRAME

A pair of tapered cones designed to be used in conjunction with the S13-1200 Mills Cable A Frame, allowing smooth dispensing of cable from single or multiple cable drums.

The cones are tapered to accept reels with spindle bores from 25mm to 120mm. In addition, multiple pairs of cones can be 'back to backed' to allow more than one reel to be dispensed.

The cones have quick turn toggle clamps which can be easily adjusted to accept reel widths of up to 500mm.



PART NO.	DESCRIPTION	PRICE
S13-1200	A) MILLS 24" CABLE A FRAME DRUM STAND DISPENSER	28.50
S13-0464	B) MILLS CABLE DRUM CONES FOR CABLE A FRAME	54.58

A) X BOARD 500 CABLE AND FLEXIBLE CONDUIT DISPENSER

The X BOARD - XB 500 is a horizontal cable reel stand design for quick and effortless reeling and unreeling of most cable reel with a maximum weight capacity of 800kg.

Dimensions: L 530 x B 530 x H 150 mm.
Diameter: Ø 500 mm



B) X BOARD 500 MULTI FUNCTION MANDREL

The multi-function mandrel has been specially developed for the S00-4350 X BOARD XB 500 cable rolling system. Loose cable bundles can be rolled by attaching them to the stainless steel centre mandrel of the XB 300 and then folding out the 4 side brackets.



PART NO.	DESCRIPTION	PRICE
S00-4350	A) X BOARD 500 CABLE AND FLEXIBLE CONDUIT DISPENSER	219.00
S83-2029	B) X BOARD 500 MULTI FUNCTION MANDREL	71.02

X BOARD XB500+ CABLE DISPENSER

The X-BOARD XB500 plus with its spring loaded arms is a universal device for winding and dispensing cable drums. It's suitable for all types of cable, rope and conduit drums, enabling trouble-free and efficient working without the tangles. Excellent for damaged cable drums.

Load bearing capacity 800Kg.
Rubber feet to ensure a non-slip and secure positioning whilst protecting floor surfaces.
Height 133mm.
Diameter 500mm.



PART NO.	DESCRIPTION	PRICE
S00-3283	X BOARD XB500+ CABLE DISPENSER	339.85

HYDRAULIC CABLE JACKS

Lightweight hydraulic drum jacks which are almost indispensable for use in the cable yard. Versatile & easily adjustable within seconds to accommodate vast ranges of drums. Excellent all-round stability, fitted with wheels to be easily moved by one person. Complete with spindle & collars.

MODEL	CAPACITY/PAIR	MAX DRUM DIA	MIN DRUM DIA	WT/PAIR	SPINDLE WT
C00-3531	3 TONNES SWL	2300MM	760MM	118KG	30KG
C00-3532	6 TONNES SWL	2800MM	840MM	160KG	53KG
S00-6764	10 TONNES SWL	3500MM	1080MM	180KG	53KG

PART NO.	DESCRIPTION	PRICE
C00-3531	3 TONNE HYDRAULIC CABLE JACKS	787.22
C00-3532	6 TONNE HYDRAULIC CABLE JACKS	981.16
S00-6764	10 TONNE HYDRAULIC CABLE JACKS	1200.68

GALVANISED FIXING CONES

A range of galvanised fixing cones for securing drums in place on spindles.

Supplied individually, however a pair is required for operation.



- A) A cable drum spindle fixing cone tapering from 115-65mm and to suit a 60mm spindle.
- B) A cable drum spindle fixing cone tapering from 130-85mm and to suit a 75mm spindle.
- C) A cable drum spindle fixing cone tapering from 150-110mm and to suit a 90mm spindle.

PART NO.	DESCRIPTION	PRICE
S03-4866	A) GALVANISED FIXING CONE 60MM SPINDLE	72.10
S03-4867	B) GALVANISED FIXING CONE 75MM SPINDLE	123.60
S03-4868	C) GALVANISED FIXING CONE 90MM SPINDLE	198.94

3 AND 6 TONNE CABLE JACKS

Easy to handle & simple operation. Base plate designed to give stability even on soft ground.



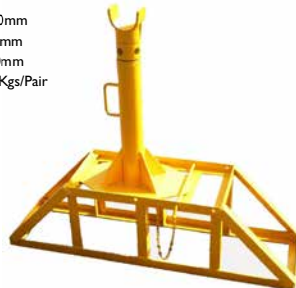
CAPACITY	CLOSED HEIGHT	OPEN HEIGHT	BASE AREA	WEIGHT
3 TONNES	530MM	840MM	300X300MM	18.6KG
6 TONNES	680MM	990MM	460X300MM	24.4KG

PART NO.	DESCRIPTION	PRICE
C00-3124	3 TONNE CABLE JACK (PAIR)	351.67
C00-3125	SPINDLE FOR ABOVE (3T)	49.66
C00-3126	LOCKING COLLARS (3T)	32.86
C00-3502	6 TONNE CABLE JACK (PAIR)	378.57
C00-3503	SPINDLE FOR ABOVE (6T)	53.48
C00-3504	LOCKING COLLARS (6T)	39.60

CABLE DRUM JACK PLINTHS (PAIR)

Cable drums are increasingly becoming larger but not necessarily heavier. Common practice is to build up the jacks with sleepers, or wood blocks (most definitely not recommended) Jack Plinths give an additional 300mm of lift safely.

Length: 1200mm
Width: 320mm
Height: 300mm
Weight: 60Kgs/Pair



PART NO.	DESCRIPTION	PRICE
C00-7612	CABLE DRUM JACK PLINTHS	353.15

CABLE PULLING WINCH (UNDERGROUND FRAME)

This lightweight capstan winch is designed for use within manholes, for simple cable pulling and cable recovery.

Powered by a 5HP Honda Engine through a right angle gearbox, it has a pulling capacity of 1000kg using a 12mm diameter rope (recommended) via a 100mm diameter aluminium Diablo capstan at a rope speed of 18m per minute.



Dimensions:
520mm x
370mm x
370mm.
Dry Weight: 26kg

CABLE PULLING WINCH (ACROSS PIT FRAME)

This lightweight capstan winch is designed for use over manholes, for simple cable pulling and cable recovery.

Powered by a 5HP Honda Engine through a right angle gearbox, it has a pulling capacity of 1000kg using a 12mm diameter rope (recommended) via a 100mm diameter aluminium Diablo capstan at a rope speed of 18m per minute.



Dimensions:
700mm x
500mm x
450mm.
Dry Weight: 26kg

PART NO.	DESCRIPTION	PRICE
S00-6929	CABLE PULLING WINCH (UNDERGROUND FRAME)	1388.00

PART NO.	DESCRIPTION	PRICE
S00-6930	CABLE PULLING WINCH (PIT FRAME)	1475.53

CABLE DRUM SPREADER BARS

Designed for the safe lifting and handling of cable drums and cable laying applications. The lightweight bar allows easy assembly through the drum centre, while all other parts are lifted into place with plant.

A simple pin in position coupler, with adjustment, allows the drum to be held on the bar, ensuring controlled rotation. Four standard units allow a large variety of drums to be carried.

Cable drums rotate freely on bearings to ensure smooth cable unwinding. Available in 4 sizes.



PART NO.	MAX. CAPACITY KG	MIN. DRUM WIDTH MM	MAX. DRUM WIDTH MM	MAX. DRUM DIA. MM	MIN. DRUM HOLE MM	SPINDLE WEIGHT KG	PRICE
S83-2082	5000	800	1700	2700	80	22	1475.53
S83-2083	5000	250	1200	2200	80	17	2510.63
S83-2084	2500	380	1700	2700	55	11	2381.88
S83-2085	2500	120	1200	2200	55	8	2381.88



WE OFFER A RANGE OF CABLE DRUM TRAILERS AND WINCHES

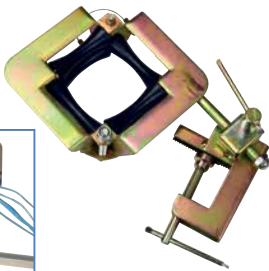
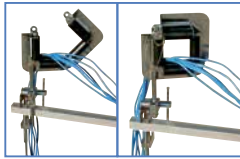


Ring sales for **SPECIAL PRICES**
or visit millsltd.com for more information



CABLE JOE

Six roller design gives 75mm square opening. The cable guide can be clamped onto most support bars, joists and corners to allow multiple cable pulls without snagging.



PART NO.	DESCRIPTION	PRICE
S00-5229	CABLE JOE	2317.50

BELLMOUTHS

Used to prevent damage when drawing cable into ducts. Consists of a two part tubular sleeve which is assembled around the cable whilst in situ.

No.1 Split Bellmouth

For use on 83mm ducting.

No. 2 Split Bellmouth

For use on 90/92mm ducting.



PART NO.	DESCRIPTION	PRICE
S00-1240	NO.1 SPLIT BELLMOUTH	29.50
S00-1241	NO.2 SPLIT BELLMOUTH	32.50

GUIDE CABLING 17A

Used to guide standard cabling ropes and steel wire in or out of duct mouths.



PART NO.	DESCRIPTION	PRICE
S00-1238	GUIDE CABLING 17A	68.63

ROLLER ROPE GUIDING SURFACE

Used to guide draw ropes and cabling ropes out of joint boxes avoiding fraying to the rope.

The unit comprises of an aluminium roller mounted on a steel frame.

Height: 150mm.
Width: 152mm.
Length: 254mm.
Weight: 4kgs.



PART NO.	DESCRIPTION	PRICE
S00-1237	ROLLER ROPE GUIDING SURFACE	52.90

GUIDE CABLING NO.1

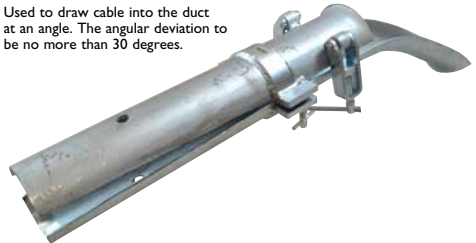
Used to draw cable straight into the duct. Duct sizes 89 and 92mm.



PART NO.	DESCRIPTION	PRICE
S83-0770	GUIDE CABLING NO.1	116.55

GUIDE CABLING NO.2

Used to draw cable into the duct at an angle. The angular deviation to be no more than 30 degrees.



PART NO.	DESCRIPTION	PRICE
S83-0771	GUIDE CABLING NO.2	152.69

GUIDES CABLING 4A & 4B

A) A flexible steel tube 3 metres long with a 63mm bore. Used to guide light cables between the cable drum trailer and the duct mouth. Incorporates an integral bellmouth and a pair of securing chains.

B) As Guide Cabling 4A but a 1.5m version.



PART NO.	DESCRIPTION	PRICE
S83-2644	A) GUIDE CABLING 4A	483.95
S83-0985	B) GUIDE CABLING 4B	368.93

GUIDE CABLING 6A & 6B

A) Cable guide for heavy cabling work can be connected together to extend the duct entry to the cable drum trailer. Length of this guide: 1.5m.

B) 3m version of Guide Cabling 6A.



PART NO.	DESCRIPTION	PRICE
S83-0986	A) GUIDE CABLING 6A	POA
S83-2645	B) GUIDE CABLING 6B	POA

STRAIGHT CABLE ROLLER GUIDE

A compact cable roller for use in narrow trenches and confined areas. The unit consists of a heavy duty frame and galvanised steel roller which tapers from 110mm to 75mm and has a width of 170mm.



The footprint of the stand is 300mm x 240mm x 250mm.

Weight: 4.1kg.

Dimensions: 300 x 240 x 250mm.

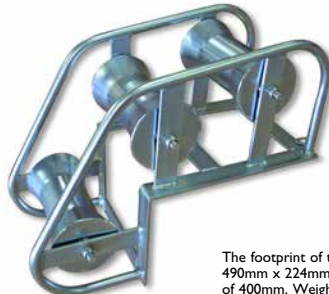
PART NO.	DESCRIPTION	PRICE
S03-6611	STRAIGHT CABLE ROLLER GUIDE	26.12

CURVED MANHOLE LEAD CABLE GUIDE

A heavy duty cable roller for placing at the leading edge of the manhole or pit entrance.



The unit consist of three galvanised steel rollers which taper from 107mm to 79mm and have a width of 185mm.



The footprint of the stand is 490mm x 224mm with a height of 400mm. Weight: 9kg.

PART NO.	DESCRIPTION	PRICE
S03-4755	CURVED MANHOLE LEAD CABLE GUIDE	114.09

CORNER CABLE ROLLER GUIDE

A heavy duty cable roller for pulling the heaviest cables around difficult corners. The unit consists of a heavy duty frame with two vertical and one horizontal galvanised steel rollers which taper from 110mm to 75mm and have a width of 185mm.



The footprint of the stand is: 550mm x 340mm x 370mm.

Weight: 14kg.

Corner cable rolling guides can be linked together with stake pins provided to form a continuous corner roller system.



PART NO.	DESCRIPTION	PRICE
S03-6612	CORNER CABLE ROLLER GUIDE	82.35

SWIVELLING EDGE ROLLER NO.1

A heavy duty cable roller designed to provide an even pull at the corner of the manhole allowing the roller to swivel in the direction of the pull. The unit swivels to the direction of the pull. It has a galvanised steel roller which tapers from 107 to 79mm and has a width of 127mm.



The footprint of the stand is 300mm x 245mm with a height of 150mm.

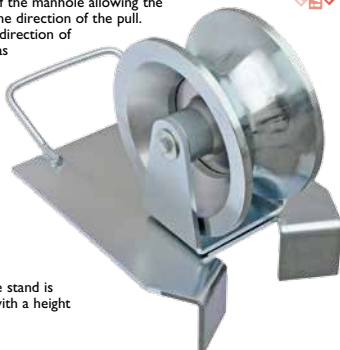
Weight: 6kg.

PART NO.	DESCRIPTION	PRICE
S03-4754	SWIVELLING EDGE ROLLER NO.1	81.61

SWIVELLING EDGE ROLLER NO.2

A heavy duty cable roller designed to provide an even pull at the corner of the manhole allowing the roller to swivel in the direction of the pull.

Unit swivels to the direction of the pull. The unit has a galvanised steel roller which tapers from 130 to 90mm and has a width of 75mm.



The footprint of the stand is 300mm x 220mm with a height of 245mm.

Weight: 6kg.

PART NO.	DESCRIPTION	PRICE
S03-4753	SWIVELLING EDGE ROLLER NO.2	129.46

CABLE LUBRICANT

SEE PAGES 36/37



MILLS ECONOMY ROD SET

The system comprises a set 5 x 1m connectable rods and a series of essential accessories complete with storage/transportation bag.

The Economy Set comprises:

- Qty 2: 5.6mm x 1000mm (red)
- Qty 3: 4.6mm x 1000mm (yellow)

and includes 5 types of end fittings.



PART NO.	DESCRIPTION	PRICE
S03-6610	MILLS ECONOMY ROD SET	38.06

MILLS BIG ROD SET

The system comprises a set 10 x 1m connectable rods and a series of essential accessories complete with storage/transportation bag.

The Big Set comprises:

- Qty 3: 6.6mm x 1000mm (black)
- Qty 3: 5.6mm x 1000mm (red)
- Qty 3: 4.6mm x 1000mm (yellow)
- Qty 1: 4.0mm x 1000mm (white)

and includes 10 types of end fittings.



PART NO.	DESCRIPTION	PRICE
S03-6609	MILLS BIG ROD SET	79.25

HANDY ROD SET

The Handy Set is made up for fitting in a tool box. It contains:

- 1 rod x 40 cm (white), 1 rod x 40 cm (clear), 2 rods x 40 cm (red), 1 rod x 40 cm (blue)
- 40 cm white flexi lead
- Domed bullet
- Mini hook and mini eye



HellermannTyton

PART NO.	DESCRIPTION	PRICE
C71-0750	HANDY ROD SET	17.42

STANDARD ROD SET

This CS-SB rod set from HellermannTyton is a professional cable installation tool which enables installation jobs to be done in record time even in the most challenging environments. Rods made of glass reinforced plastic (GRP) are able to pull a cable weight of up to 80 kg. The product also allows its user to inspect, illuminate and retrieve. The complete system integrates rods, a variety of useful attachments and a bag to store all parts in one place. Set comprises:

- 1 x 4 mm x 1000 mm rod yellow
- 4 x 5 mm x 1000 mm rod red
- 175 mm white flexi lead
- Split ring
- Gender changer
- Tuff hook
- Mini eye
- Domed bullet



HellermannTyton

PART NO.	DESCRIPTION	PRICE
C71-0748	ROD SET STANDARD HELLERMANNITYTON	28.28

FERRET INSPECTION EQUIPMENT

The 'Ferret' is a range of general-purpose rechargeable inspection camera using WIFI that allows you to see inside hard to reach locations.

It's IP67 dust and waterproof protected, has a 15m range and uses 720p HD streaming - Crisp clear images with 720p high resolution provides real-time photos & video directly to a smart device.

Available in 3 versions:

CF-100 Ferret Lite Multipurpose Wireless Inspection Camera & Cable Pulling Tool

NEW Ferret always up viewing mode - In the Ferret App setting screen select to have the image view either normal mode or always up mode.

Additional Models of the 'Ferret' available at www.millsltd.com



PART NO.	DESCRIPTION	PRICE
S00-3166	CF-100 FERRET LITE MULTIPURPOSE WIRELESS INSPECTION CAMERA & CABLE PULLING TOOL	84.59

MILLS FISH/DRAW WIRE AND TAPES

Mills recognises the importance of correctly installed cable for maximum network performance. We have designed our range of Fish/Draw Wire and Fish Tapes to be as flexible and durable as possible, incorporating a replaceable spring end leader. Cable can now be pulled into position by the most timely and efficient route reducing cable strain, ensuring correct bend radius and saving money.

Mills
MASTER
class
As good as it gets



**A) Fibreglass Fish Tape
16M (50 ft)**

Comprising a 4mm reinforced, non-conductive fibreglass core with self-lubricating outer Nylon coating. The tape is easily retracted and stored in an impact resistant case. The 180mm flexible leader can bend through a radius of just 50mm.

Mills
MASTER
class
As good as it gets



**B) Steel Fish Tape
30M (100 ft)**

This traditional 30m (100ft) fish tape is manufactured from high strength flexible 3mm wide spring steel with hooked end to avoid snagging in use. It is housed in a sturdy impact resistant rotating plastic storage case.



C) Polyester Draw Wire

A simple triple stranded 4.5mm polyester draw wire with a breaking strain of 140kg and a bend radius of 100mm. It is terminated with a 125mm long flexi end with brass pulling eye. A simple triple stranded 4.5mm polyester draw wire with a breaking strain of 140kg and a bend radius of 100mm. The draw rope is terminated in a 125mm long flexi end with brass pulling eye on one end and fixed brass pulling eye on the other. Available in 15m (S03-6613) and 25m (S03-6614) lengths.



D) 4mm Nylon Draw Wire

Supplied in 10m (33ft) and 30m (98ft) lengths. Non-conductive 4mm nylon construction for use in telecom, electrical, wall and floor conduit.

It is designed for pulling cables through occupied duct and panel boxes. The draw tape has a breaking strain of 100kg, a bend radius of 38mm and has a 150mm flexi end leader with pulling eye at one end of the rod.

E) Under Carpet Tape

This under carpet tape is made from annealed stainless steel and is flat for running between carpet and underlay. The tape has one rounded end with a hole and one curled end and fits into its own PVC case. Length 25ft (7.5).



**F) Fish Tape
Winder Reel
7.5m (25ft)**

A 7.5m (25") flat steel fish tape in a handy winder case with crank handle. The 6mm wide tape has a tapered plastic end piece and is ideal for installing cable above false ceilings or under carpets, where the flat profile helps the tape feed in a straight line without deflection.



**G) Fibreglass Fish
Tape 20m (65ft)**

20m length, 3mm diameter fibreglass core with outer Polypropylene coating. Comes complete with starting / ending M5 threaded end fitting.

PART NO.	DESCRIPTION	PRICE
C00-1561	A) 16M FIBREGLASS FISH TAPE	36.34
C00-3015	B) 30M STEEL FISH TAPE	19.36
S03-6613	C) 15M 4.5MM POLYESTER DRAW WIRE	30.85
S03-6614	C) 25M 4.5MM POLYESTER DRAW WIRE	34.51
S00-5002	D) 10M 4MM NYLON DRAW WIRE	7.73
S00-5003	D) 30M 4MM NYLON DRAW WIRE	14.66
C00-8424	E) 7.5M UNDER CARPET TAPE	77.82
C00-9038	F) 7.5M FISH TAPE WINDER REEL	27.48
S03-6615	G) 20M 3MM FIBREGLASS FISH TAPE	54.08

CABLE TACKERS**A) S57-0589 Tacwise CT45 Telco Cable Tacker**

This compact die-cast metal-bodied telco cable tacker features an impact depth adjuster for when working with different materials hard/soft wood.

Perfect for working with cables up to 4.5mm in diameter such as telephone 6 pair, alarm to BS4773 and alarm 4 core.

Uses the Type CT-45 staples (8-10mm) but is also compatible with Rapid R28 staples.

All Tacwise hand tackers come with a 3-year guarantee.

B) S57-0591 Tacwise CT-60 Combined Telco and CATV Cable Tacker

Features a new advanced system for recoilless action, incorporates many safety features, delivers brilliant performance and results when securing cables into tight spaces.

It fires both Tacwise 4.5 and 6mm cable staples CT-45 and CT-60 staples, between 8 - 14mm leg lengths.

It is the perfect hand cable tool to neatly fix Cat5, Cat6, coaxial 1mm white & brown and satellite coaxial screened cables.

All Tacwise hand tackers come with a 3-year guarantee.

**TACWISE CT-45 & CT-60 STAPLES**

High quality, cable staples, conveniently boxed in 5 x 1000 packs.

Available in:

- CT-45 8mm, 10mm, 12mm & 14mm, galvanised and CT-45 10mm white.
- CT-60 12mm & 14mm, galvanised and CT-60 14mm white.



PART NO.	DESCRIPTION	PRICE
S57-0589	A) TACWISE Z3-CT45 TELCO CABLE TACKER	21.27
S57-0591	B) TACWISE CATV & TELCO COMBI CABLE TACKER	21.27
S57-0608	CT-45/8 8MM GALV. STAPLES (PK 5000)	6.99
S57-0609	CT-45/10 10MM GALV. STAPLES (PK 5000)	7.62
S57-0610	CT-45/10 10MM WHITE STAPLES (PK 5000)	9.26
S57-0611	CT-60/12 12MM GALV. STAPLES (PK 5000)	9.37
S57-0612	CT-60/14 14MM GALV. STAPLES (PK 5000)	9.79
S57-0613	CT-60/14 14MM WHITE STAPLES (PK 5000)	11.07

A) STANLEY T10X 2-IN-1 CABLE TACKER

The Stanley T10X 2-in-1 Cable Tacker fires round and flat staples for wire and general tacking.

B) STANLEY TYPE 7 CT100 CABLE STAPLES 10MM PACK OF 1000

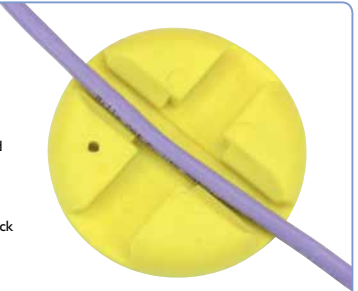
Curved head staples, ideal for securing telephone cable and other low voltage wire. Supplied in a handy plastic box of 1,000 staples.



PART NO.	DESCRIPTION	PRICE
S57-5461	A) STANLEY T10X 2-IN-1 CABLE TACKER	34.62
S57-1958	B) STANLEY TYPE 7 CT100 CABLE STAPLES 10MM PACK OF 1000	2.69

MILLS PULL PUCK

An essential aid for providing extra grip, when pulling most cable up to a diameter of 16mm. Manufactured from a high visibility yellow rubberised material, and at just 76mm diameter the Mills cable pulling puck fits into the palm of your hand.



PART NO.	DESCRIPTION	PRICE
S00-6417	PULL PUCK	3.21

SUCTION LIFTERS FOR FLOOR TILES**A) Single-Pad Suction Lifter**

25kg max capacity, 12.5kg safe working load (S.W.L.) 120mm pad. Supplied individually.

**B) Double-Pad Suction Lifter**

Features 2 x 125mm quick release rubber suction pads. The product is capable of lifting up to 80kg, dependent on the cleanliness and condition of the material being lifted, this is purely a guide. Supplied individually.

**C) Triple-Pad Suction Lifter**

60kg max capacity, 30kg safe working load (S.W.L.) 118mm pads. Supplied individually.

**D) Carpet Panel / Tile Lifter**

Strong aluminium construction, sharp spike tooth grip/ Lift to release feature. Supplied individually.



PART NO.	DESCRIPTION	PRICE
S70-5005	A) SINGLE-PAD SUCTION LIFTER	7.98
E22-6374	B) ALUMINIUM DOUBLE-PAD SUCTION LIFTER	16.43
S00-3627	C) TRIPLE-PAD SUCTION LIFTER	16.05
S00-3626	D) CARPET PANEL / TILE LIFTER	129.90



PPE & Safety Equipment



Fire Extinguishers

First Aid Kits

Gas Detectors

Gloves

Hi Vis Clothing

Kneeling Mats

Overshoes

Respirators

Safety Glasses and Goggles

Safety Harnesses

Safety Helmets

Wipes and Sanitisers

Working at Height Equipment

DISPOSABLE GLOVES

A) Latex Disposable Gloves Large Pk100

Supplied in packs of 100 ambidexterous gloves. Available in powdered or powder free.

B) Vinyl Disposable Gloves Large Pk100

Supplied in packs of 100 ambidexterous gloves. Available in powdered or powder free.

C) Powder-Free Nitrile Gloves Extra Large Box of 100 Pieces

From food handling to engineering, these versatile gloves are sure to suit the task at hand.

PART NO.	DESCRIPTION	PRICE
S14-3675	A) LATEX POWDER FREE GLOVES	5.08
S14-1412	A) LATEX POWDERED GLOVES	4.12
S14-3437	B) VINYL POWDER FREE GLOVES	2.24
S14-3438	B) VINYL POWDERED GLOVES	2.31
S26-1743	C) POWDER-FREE NITRILE GLOVES - 100 PIECES	14.29



LATEX GRIP GLOVES

A) Latex Grip Gloves

Latex palm ensures the user has a firm all round grip. Soft knitted fabric with uncoated back allows the hand to breathe whilst the textured grip and ribbed knit wrist improves dexterity and comfort for the user.

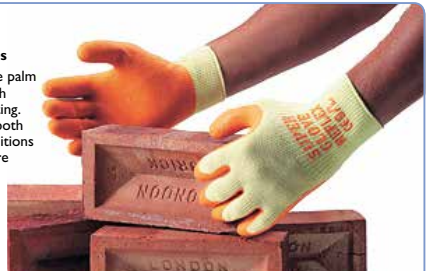
Ideal for cable handling and general building and construction work.

Size 10.



B) Reflex Gloves

Cotton/Polyamide palm coated gloves with flexible latex coating. Excellent grip in both wet and dry conditions for safe and secure handling.



PART NO.	DESCRIPTION	PRICE
S26-0299	A) MILLS LATEX GRIP GLOVES	1.11
S26-3435	B) REFLEX GLOVES	2.59

PVC GLOVES & GAUNTLETS

A) Waterproof PVC Gloves

Standard weight waterproof red PVC fully coated glove with knitted wrist. EN388 CAT 2. Size 10.



B) Red PVC Gauntlets

Standard weight general purpose red PVC fully coated 14" waterproof gauntlet.

Ideal for use in wet and oily conditions

EN388 CAT 2.
Size 10.



PART NO.	DESCRIPTION	PRICE
S26-1080	A) WATERPROOF PVC GLOVES	0.85
S14-3439	B) RED PVC GAUNTLETS	1.52

A) ANTISLIP GLOVES

BS EN388 - Spun nylon glove with interlocking criss-cross coating. Ideal for handling cartons, glass and other items with a sheer finish. Size 10.

B) MATRIX® FINGERLESS GLOVES

Seamless knitted nylon liner with polyurethane palm coating.

C) TOUCHSTONE GRIP™

100% Kevlar® glove provides increased protection against cuts, slashes and abrasion whilst allowing free movement, maintaining a high degree of dexterity for the wearer.



PART NO.	DESCRIPTION	PRICE
S14-1415	A) ANTI-SLIP HANDLING GLOVES	0.97
S26-6944	B) MATRIX PU FINGERLESS GLOVES	1.59
S26-6945	C) TOUCHSTONE GRIP FINGERLESS GLOVES	9.03

CUT RESISTANT GLOVES

A) The Deflector 5X glove provides fantastic Cut 5 protection, making it the perfect choice for a huge range of handling tasks including general handling, transportation, shipping and manufacturing.

- Conforms to EN 388 levels 4.5-4.3
- Light and flexible
- Enhanced cut protection
- Knit Wrist
- Fabric: Polyurethane palm coat
- Colour: Grey
- ISO Cut D



B) Durable cut resistant glove with dual layer nitrile. High performance anti-cut liner with a primary liquid proof layer, the secondary layer provides excellent grip in oily and wet conditions.



C) A multi-fibre high performance cut resistant glove. Premium protection against cuts and abrasions in tough environments. High grip and heat resistance makes this glove an ideal solution in demanding environments. Size 9.



PART NO.	DESCRIPTION	PRICE
S26-7545	A) DEFLECTOR 5X GLOVES WITH CUT 5 PROTECTION	5.14
S26-7546	B) GLOVES ISO CUT D RESISTANT - SIZE 9	4.19
S26-7547	C) GLOVES ISO CUT E RESISTANT - SIZE 9	5.84

LEATHER GLOVES & GUANTLETS

A) Canadian Riggers Gloves

Heavyweight cotton and heavy duty split leather Canadian Plus Rigger Gloves – perfect for dry handling and general maintenance tasks. Size 10



B) Leather Overgloves

Leather over glove worn over high voltage insulating gloves to protect against mechanical hazards and electrical arcing. Length 300mm- available in sizes 8,9,10, and 11



C) 6" Cuff Gauntlets

6" Cuff Leather Gauntlet-Soft, high quality nappa leather palm and stiff 150mm chrome leather cuff offers a superb feel and good durability for precision welding. 360mm overall length. EN420 (Dexterity) Level 5. Size 10



PART NO.	DESCRIPTION	PRICE
S26-1078	A) CANADIAN RIGGERS GLOVES SIZE 10	1.21
H87-7414/8	B) LEATHER OVERGLOVES SIZE 8	33.30
H87-7414/9	B) LEATHER OVERGLOVES SIZE 9	33.30
H87-7414/10	B) LEATHER OVERGLOVES SIZE 10	33.30
H87-7414/11	B) LEATHER OVERGLOVES SIZE 11	33.30
S14-3440	C) 6" CUFF GAUNTLETS SIZE 10	4.07

A) 1000V GLOVES CLASS 0

Pair of fully insulated gloves each tested and stamped to 5000v with a working voltage of 1000v. The gloves are also marked in accordance with EN60903:2003

Length: 355mm, Colour: Red
Available in 5 sizes 7-11

B) PROTECTIVE GLOVE STORAGE POUCH

Protective glove storage bag for the safe keeping of 1000V insulated gloves.

Dimensions:
410mm x 200mm x 70mm



PART NO.	DESCRIPTION	PRICE
H87-7366/7	A) GLOVES - 1000V INSULATED EN60903 - SIZE 7	31.14
H87-7366/8	A) GLOVES - 1000V INSULATED EN60903 - SIZE 8	31.14
H87-7366/9	A) GLOVES - 1000V INSULATED EN60903 - SIZE 9	31.14
H87-7366/10	A) GLOVES - 1000V INSULATED EN60903 - SIZE 10	31.14
H87-7366/11	A) GLOVES - 1000V INSULATED EN60903 - SIZE 11	31.14
H87-7357	B) PROTECTIVE GLOVE STORAGE POUCH	11.08

A) 1000V GLOVES CLASS I

Pair of fully insulated glove, each test stamped to 10000V with a working voltage of 1000V. The gloves are tested and marked in accordance with EN60903:2003.

Length: 350mm, Colour: Black. ARC Rating: 50 cal/cm2 ATPV.

Available in 5 sizes 7-11.

B) PROTECTIVE GLOVE STORAGE POUCH

Protective glove storage bag for the safe keeping of 1000V insulated gloves.

Dimensions:
410mm x 200mm x 70mm



PART NO.	DESCRIPTION	PRICE
H87-7621/7	HIGH VOLTAGE INSULATED GLOVES CLASS I SIZE 7	54.00
H87-7621/8	HIGH VOLTAGE INSULATED GLOVES CLASS I SIZE 8	54.00
H87-7621/9	HIGH VOLTAGE INSULATED GLOVES CLASS I SIZE 9	54.00
H87-7621/10	HIGH VOLTAGE INSULATED GLOVES CLASS I SIZE 10	54.00
H87-7621/11	HIGH VOLTAGE INSULATED GLOVES CLASS I SIZE 11	54.00
H87-7357	PROTECTIVE GLOVE STORAGE POUCH	11.08

PPE & SAFETY EQUIPMENT

A) PERSONAL PROTECTION EQUIPMENT (PPE) KIT

The Mills Personal Protection Equipment Kit contains all the essential PPE safety equipment required and is supplied in a large sixed drawstring storage BAG. The kit can be purchased with a choice of 7 helmet colours. Kit contains:

- **S26-1066** Ear Defenders EN352-1
- **S26-1335** Safety Goggles EN166:2001
- Safety Helmet, in a colour of your choice
- FFP2 Respirator (PK 5)
- **S26-0299** Latex Grip Gloves
- **S26-3769** Yellow Drawstring Bag



B) SMART METER ADDITIONAL PPE KIT

Mills Smart Meter Additional PPE Kit. A more comprehensive PPE kit supplied in a large holdall and comprising:

- **B72-7345** Canvas Holdall with front Zip for PPE
- **S26-7854/PK5** FFP2 Respirator Pack of 5
- **S26-1065** White Safety Helmet
- **R99-7396** Sun cream 50ml
- **S00-4729** Mills Work Area Protection Mat 85 X 150cm
- **S26-1066** Ear Defenders
- **S26-5924** Bolle Bandido II Safety Spectacles
- **S26-7398** Centurion Face Screen
- **S26-7399** Centurion Chin guard
- **S26-7400** Centurion Brow guard



PART NO.	DESCRIPTION	PRICE
S00-5600	A) PERSONAL PROTECTION KIT - YELLOW HELMET	18.80
S00-5601	A) PERSONAL PROTECTION KIT - BLUE HELMET	18.80
S00-5602	A) PERSONAL PROTECTION KIT - RED HELMET	18.80
S00-5603	A) PERSONAL PROTECTION KIT - ORANGE HELMET	18.80
S00-5604	A) PERSONAL PROTECTION KIT - GREEN HELMET	18.80
S00-5605	A) PERSONAL PROTECTION KIT - BLACK HELMET	18.80
S00-5606	A) PERSONAL PROTECTION KIT - WHITE HELMET	18.80
A10-7638	B) SMART METER ADDITIONAL PPE KIT	90.50

HEAD PROTECTION

A) Short Peak (2cm) Safety Helmet

Features adjustable harness and fully adjustable slip ratchet headband. Conforms to EN397, ANSIZ89, EN50365.



B



B) A range of assorted colour safety helmets that have been designed and manufactured to ensure optimum impact protection from objects including stones, roofing tiles and bricks. Complies with EN 397:2012+A1:2012 and EN 50365:2002.

PART NO.	DESCRIPTION	PRICE
S26-3674	A) SHORT PEAK SAFETY HELMET	10.25
S26-1333	B) BLUE SAFETY HELMET	3.19
S26-1334	B) RED SAFETY HELMET	3.19
S26-1332	B) YELLOW SAFETY HELMET	3.19
S26-6932	B) ORANGE SAFETY HELMET	3.19
S26-6958	B) GREEN SAFETY HELMET	3.19
S26-6931	B) BLACK SAFETY HELMET	3.19
S26-1065	B) WHITE SAFETY HELMET	3.19
S26-3573	C) CHIN STRAP	1.80
S26-7972	D) BASEBALL BUMP CAP	10.97



C) Chin strap for securing safety helmets.

D



D) Baseball Bump Hat designed as a safeguard against accidental bumping or scraping of the head. Conforms to EN812

EYE PROTECTION

A) Safety Goggles

A compact and lightweight goggle offering extremely good value. Tough Polycarbonate lens offers high resistance to impact from flying particles. This goggle has a vented body, PVC frame and a Polycarbonate lens. It conforms to EN 166.1.B.



A

B) Safety Spectacles

Economical single polycarbonate lens wraparound style. Moulded browguard and vented side shields. Conforms to EN 166.1.FT.



B

C) Bolle Bandido II Safety Spectacles

Made entirely of highly-resistant polycarbonate. The BANDIDO II is the perfect value safety spectacle option. Features antifog and anti-scratch coating. Conforms to EN 166 & EN170 2-1.2, 2C-1.2. 99.9% UVA/UVB protection.



C

E) Bolle Pilot Safety Goggles

Features a co-injected, ventilated frame that guarantees unequalled adaptability and comfort. The clear transparent lens features anti-scratch & anti-fog coating. Conforms to EN 166; EN170 2-1.2, 2C-1.2. 99.9% UVA/UVB protection.



E

F) Laser Safety Spectacles

Wraparound frame Laser Safety Spectacles for use when working with live fibre cables and equipment. C.E. certified. See millsstd.com for full specifications.



F

D) Bolle Bandido Smoked

Safety solar protection Spectacles Made entirely of highly-resistant polycarbonate the BANDIDO II is the perfect value safety spectacle option. Features antifog and anti-scratch coating. Conforms to EN 166; EN170 2-1.2, 2C-1.2 & EN172 5-2.5 and 5 to 4.1. 99.9% UVA/UVB protection.



D

PART NO.	DESCRIPTION	PRICE
S26-1335	A) IMPACT GOGGLES BS 2092 GD	1.70
S26-1069	B) SAFETY SPECTACLES EN 166.1.FT.	1.63
S26-5924	C) BOLLE BANDIDO II SAFETY SPECTACLES	4.38
S26-5925	D) BOLLE BANDIDO SAFETY SUN SPECTACLES	5.12
S26-6623	E) BOLLE PILOT SAFETY GOGGLES	12.98
S26-5927	F) LASER SAFETY SPECTACLES	157.93

PPE & SAFETY EQUIPMENT

FACE PROTECTION

A) Centurion Brow Guard

For when a safety helmet is not required, the headband mounted Brow Guard system allows you to fit the S26-7398 general purpose face screen (not included).

B) Centurion Face Screen

Centurion polycarbonate face screen protects against Arc Flash risks posed by electrical faults. For use with the headband mounted S26-7400 Brow Guard and S26-7399 Chin Guard (both not included)

C) Centurion Chinguard

Polycarbonate Chin Guard for impact protection for attachment to the S26-7398 Face Screen / S26-7400 Brow Guard.

A B C



D) Bolle Face Screen Carrier with Full Face Visor

Bolle Face Screen Carrier complete with Full Face Visor.



D



E

E) Arc Flash Protection Face Visor and Hard Hat

Features an Arc Rating of 12cal/ cm² (ATPV according to ASTM F2178) and utilises nanotechnology to provide a clearer, more transparent window for improved visibility.

The faceshield unit includes ventilation ribs that allow a natural convection air flow through the top of the face shield. This reduces fogging of the visor, lowers CO₂ levels and improves comfort for the user.

The assembly is also tested and certified to GS-ET-29, Class 2.

PART NO.	DESCRIPTION	PRICE
S26-7400	A) CENTURION BROW GUARD	21.29
S26-7398	B) CENTURION FACE SCREEN	16.85
S26-7399	C) CENTURION CHINGUARD	19.70
S26-7236	D) BOLLE FACE SCREEN CARRIER WITH FULL FACE VISOR	15.40
S26-7927	E) ELECTRICAL ARC FLASH VISOR & HELMET	226.55



HEARING PROTECTION

A) Ear Defenders
EN352-1, SNR: 27dB

B-C) Moldex Ear Defenders

The Moldex M Series ear defenders are flexible and lightweight. Robust and durable with grip points for easy on-head adjustment. They also feature a smooth sliding mechanism for size adjustment.

The extra soft foam air cushions and low contact pressure ensure the M-Series are extremely comfortable.

D) Ear Protection - Peltor X2A
EN352-2, SNR: 33dB. Tapered end for comfort. Expands to fit. Supplied in 3 re-sealable containers each with 2 pairs of ear plugs.

E) Ear Plugs
EN352-2, SNR: 37dB. Tapered end for comfort. Expands to fit.

F) Corded Ear Plugs
EN352-2, SNR: 33dB. Tapered end for comfort. Expands to fit. Supplied in 3 re-sealable containers each with 2 pairs of ear plugs.

G) Uvex Hi-Com Professional Ear Plugs (Pk 300 Pairs)

Innovative shape reduces the level of sound that can build up in the inner ear when wearing hearing protection. Delivers softer acoustics and absorbs noise interference, making it possible to understand speech clearly.

SNR: 24 dB(A). H: 26 dB(A).
M: 20 dB(A). L: 18 dB(A)

H) Uvex X-Fit Dispenser

The Uvex X-Fit dispenser is a highly visible, robust wall mounted unit that can be situated at entrances to mandatory hearing protection areas. (supplied empty).



PART NO.	DESCRIPTION	PRICE	PART NO.	DESCRIPTION	PRICE
S26-1066	A) EAR DEFENDER EN352-1	4.73	S26-3574	E) EAR PLUGS EN352-2, SNR: 37DB. (PAIR)	0.21
S26-6942	B) MOLDEX M4 EARMUFFS SNR 30DB	19.07	S26-6941	F) CORDED EAR PLUGS EN352-2 (6 PAIRS)	0.53
S26-6943	C) MOLDEX M6 EARMUFFS SNR 35DB	26.12	S26-4745	G) UVEX HI-COM EAR PLUGS (BAG OF 300 PAIRS)	53.25
S26-4999	D) EAR PROTECTION - PELTOR X2A	26.93	S26-5858	H) UVEX X-FIT DISPENSER (EMPTY)	36.00

DUST MASKS & RESPIRATORY PROTECTION

A) DISPOSABLE DUST MASKS (PK 5)

Single-use, disposable dust masks. Does not offer rated respiratory protection.



B) FFP2 RESPIRATOR (PK 20)

Valved Moulded Respirator
Complies with:
EN149:2001.
A1:2009.



C) FFP3 (PK 5) RESPIRATOR

Valved Moulded Respirator
Complies with:
EN149:2001.
A1:2009.



D) TWIN FILTER RESPIRATOR

This Twin Filter Respirator is fitted with replaceable P2 filter cartridges. It has a thermoplastic facepiece for optimum comfort and a one-piece head harness with elasticated strap for easy and secure use.

The respirator protects lungs against fine toxic particles and is ideal for use with MDF, hardwoods, fibreglass insulation and most power tools.

EN140 1988,
EN143:200 FFP2.



E) P2 REPLACEMENT FILTERS

Ideal for use with MDF, hardwoods, fibreglass and most power tools. Conforms to EN140 1988, EN143:2000 FFP2.



F) A1 REPLACEMENT FILTERS

Used to protect lungs against organic vapours and gases with a boiling point above 65°C. Conforms to EN14387:2004 A1, EN143:2000 FFP2.



PART NO.	DESCRIPTION	PRICE
S26-1070	A) DISPOSABLE DUST MASKS (PK 5)	POA
S26-7854	B) FFP2 RESPIRATOR (PK 20)	POA
S26-3436	C) FFP3 RESPIRATOR (PK 5)	POA
S26-6938	D) TWIN FILTER RESPIRATOR	POA
S26-6939	E) P2 REPLACEMENT FILTERS (PK 2)	POA
S26-6940	F) A1 REPLACEMENT FILTERS (PK 2)	POA

A) KNEE PADS FOR TROUSERS

Work trouser knee pad inserts, manufactured from 100% lightweight flexible moulded polythene.

Does not hinder the wearer when walking.
Supplied in pairs.

Manufactured to:
EN14404:2004+A1:2010.
Size: 215 x 165mm.

A



B



B) DEWALT HOLSTER RIPSTOP POCKET TROUSERS

The DEWALT Holster Ripstop Pocket Trousers are comfortable, functional work trousers made from black ripstop fabric. With holster pockets and reinforced knee pad pockets for durability. The knee pad holders are bottom loading. They also feature a YKK zip fastener.

Six sizes from Size 30" - 42"

PART NO.	DESCRIPTION	PRICE
R99-1994	A) KNEE PADS FOR TROUSERS	4.74
S91-2052	B) 30" WAIST HOLSTER RIPSTOP POCKET TROUSERS	31.30
S91-2053	B) 32" WAIST HOLSTER RIPSTOP POCKET TROUSERS	31.30
S91-2054	B) 34" WAIST HOLSTER RIPSTOP POCKET TROUSERS	31.30
S91-2055	B) 36" WAIST HOLSTER RIPSTOP POCKET TROUSERS	31.30
S91-2056	B) 38" WAIST HOLSTER RIPSTOP POCKET TROUSERS	31.30
S91-2057	B) 40" WAIST HOLSTER RIPSTOP POCKET TROUSERS	31.30

TWO PIECE RAINPROOF SUIT

To suit chest size up to XL 138cm (54"). Includes hood with neck cord, zipped front with studded overlap, twin jacket pockets, underarm vents and vent holes at the back with a flap to prevent water ingress.

Other sizes available on request.



PART NO.	DESCRIPTION	PRICE
S99-1086	B) TWO PIECE RAINPROOF SUIT EXTRA LARGE	8.43

ORIGINAL CLEANBOOT REUSABLE OVERSHOE PAIR

Crafted from 100% pure neoprene that guarantees safe and seamless traction over all types of surfaces including carpets, vinyl and tiled flooring due to the patented grip sole.

Features:

- Durable and water resistant
- Reusable. Machine wash them and they're good as new
- Convenient insertion/removal due to stretchable elastic opening
- Crafted from light, breathable waterproof fabric
- Designed to perfectly fit around any shoe type
- Available in Small / Medium / Large / XL

UK Workboot Sizes:

- S82-1924 Small: Sizes 6-8
- S82-1923 Medium: Sizes 8-10
- S82-1919 Large: Sizes 10-12
- S82-1767 Extra Large: Sizes 12-15 plus

Boots not included.



PART NO.	DESCRIPTION	PRICE
S82-1924	SMALL: SIZES 6-8	18.49
S82-1923	MEDIUM: SIZES 8-10	18.49
S82-1919	LARGE: SIZES 10-12	18.49
S82-1767	EXTRA LARGE: SIZES 12-15 PLUS	18.49

PVC OVERSHOES

With elasticated tops. Suitable for use in clean or wet environments. Packet of 100. Colour: Blue. **Boot not included.**



PART NO.	DESCRIPTION	PRICE
S99-4275	OVERSHOE PKT OF 100	5.29

PPE & SAFETY EQUIPMENT



HI-VIS GARMENTS PRODUCED TO THE REVISED EN 471 - 1994 STANDARD



A) Waistcoats, tabards EN 471 class 2 (Intermediate level of visibility)



B) Hi Vis long sleeved vest with Velcro fastening. Conforms to EN ISO 20471 Class 3. 100% polyester fabric.



C) Hi Vis Parka Jacket. Conforms to EN ISO 20471 Class 3 and EN 343 Class 3:1. Made from 300D Oxford PU fabric with Polyester quilted lining. Features a concealed hood.



D) EN 471 class 2 over trouser in extra large.



E) EN 471 class 2 orange waistcoat in extra large for rail industry use.



F) Heavy duty polyester hi-vis toolbag with reflective strips, ideal for the on-site engineer. The bag has 7 internal pockets, 23 external pockets and benefits from an adjustable shoulder strap. External dimensions: 600 x 280 x 260mm. Weight: 1.6kg.

OTHER HI VIS GARMENTS AND SIZES AVAILABLE ON REQUEST. CONTACT OUR SALES OFFICE.

PART NO.	DESCRIPTION	PRICE
S00-1390	A) WAISTCOAT EXTRA LARGE	1.95
S00-1392	A) WAISTCOAT LARGE	2.06
S26-6946	B) LONG SLEEVE WAISTCOAT LARGE	3.96
S26-6947	B) LONG SLEEVE WAISTCOAT EXTRA LARGE	3.96
S00-1391	C) JACKET EXTRA LARGE	26.46
S00-1451	D) TROUSER EXTRA LARGE	14.97
S00-8430	E) WAISTCOAT ORANGE EXTRA LARGE	11.67
B72-6628	F) HI VIS TOOLBAG	26.73

OVERALLS



A) Heavy duty boiler suit.
Manufactured from a combination of top quality polyester and cotton. The overalls have been designed with an elasticated waist and top pockets with press-stud fasteners. Size: Large.



B) Large Disposable Overall
White polypropylene, disposable overall with zip-up front, elasticated hood, cuffs and ankles. Supplied in XL size to suit chest measurement up to 54".

PART NO.	DESCRIPTION	PRICE
S99-3015	A) HEAVY DUTY BOILER SUIT	14.78
S14-1411	B) LARGE DISPOSABLE OVERALL	2.02

FLAME RETARDANT OVERALLS

Flame retardant coverall that offers protection against heat, flames, welding and allied processes as well as having electrostatic properties. Conforms to to:

- EN ISO 11611:2007 Class 2 A1+A2
- EN ISO 11612:2008 A1+A2 BI CI F1



PART NO.	DESCRIPTION	PRICE
S99-4486	FLAME RETARDANT OVERALL - SMALL	40.03
S99-4487	FLAME RETARDANT OVERALL - MEDIUM	40.03
S99-4488	FLAME RETARDANT OVERALL - LARGE	40.03
S99-4489	FLAME RETARDANT OVERALL - XL	40.03
S99-4490	FLAME RETARDANT OVERALL - XXL	40.03



A) PVC CHEMICAL RESISTANT APRON

PVC Chemical Resistant Apron With Tie has excellent resistance to acids, alkalis and other hazardous chemicals. Aprons conforms to BS EN 467

- Colour: Green
- Apron
- PVC coated nylon
- High frequency welded seams
- Protection against many acids and alkalis
- Chemical splash protection
- Aprons are supplied complete with ties
- Size: 48" x 36"

N467:1995



B) BATTERY HANDLING KIT

A specialist battery handling kit suitable for use in forklift truck charging areas and power pack back up rooms. Designed for the containment, neutralization, and clean up of battery acid ensuring the affected area quickly returns it to a workable condition.

The complete is supplied in a hi-vis toolbag and comprises:

- S26-7236** Full Face Visor
- S26-7237** PVC Chemical Resistant Apron
- S26-7238** Eyewash Station
- S26-7239** Dry Absorbing Granules 20 Litre
- S14-3439** PVC Gloves
- S26-7854/PK5** FFP2 Respirator Pack of 5



PART NO.	DESCRIPTION	PRICE
S26-7237	A) PVC CHEMICAL RESISTANT APRON	23.38
A10-7240	B) BATTERY HANDLING KIT	118.04

MILLS BI-FOLD KNEELING PAD

A kneeling mat designed for service engineers and jointers on the move. This kneeler pad is manufactured from 40mm high density foam which when folded gives an 80mm cushion.

The kneeler has a hard wearing PVC cover which is easy to clean and is resistant to most oils and chemicals.

Features

- Lightweight, foldable compact design
- High density 40mm foam providing an 80mm cushion when folded
- PVC easy clean cover resistant to most oils and chemicals
- Easy to store
- Folded dimensions: 45cm x 19.5cm
- Unfolded dimensions: 45cm x 45cm



PART NO.	DESCRIPTION	PRICE
S00-4538	MILLS BI-FOLD KNEELING PAD	12.10

MILLS KNEELING PAD

A handy kneeling pad made in hard wearing 28mm thick EVA material. Ideal for protecting the knees whenever you need to kneel on a hard surface. Size 450 x 215 x 28mm.



MILLS GEL-FILLED KNEE PADS

These heavy-duty Super-Comfort Gel-Filled Protective Knee Pads protect and provide unparalleled comfort when working on your knees. They are ideal for installers and engineers. Breathable lining provides additional comfort and airflow. Adjustable stretch straps provide a secure and comfortable fit. High quality caps are non-marring while ensuring a sure grip. Wide elastic straps stay put; Velcro-fastened for easy on/off. One size fits all.



PART NO.	DESCRIPTION	PRICE
S00-7370	KNEELING PAD	6.13

PART NO.	DESCRIPTION	PRICE
S00-0004	MILLS GEL FILLED KNEE PADS	17.30

PPE & SAFETY EQUIPMENT



BSI FIRST AID KITS

From January 2019 BSI standards have been issued for the provision of First Aid within the workplace - BS 8599-1:2019.

The British Healthcare Trade Association (BHTA) has devised kits that more closely reflect potential accidents in the workplace. These kits have become the British Standard Kits for workplaces in the UK and are a clear way for an employer to meet their obligations, the kits include a large range of items in various quantities, including; plasters, burns dressings, blankets, bandages and wipes.

We offer the following kits in 3 options:

A) Travel and Motor First Aid Kit- 240 x 160 x 50mm

B) Small Workplace First Aid Kit- 1-10 Person 225 x 235 x 95mm

C) Medium Workplace First Aid Kit-11-20 Person 280 x 290 x 110mm

Component	A) Travel Kit	B) Small	C) Medium
Instructions	1	1	1
Contents List	1	1	1
Medium Dressing	1	2	4
Large Dressing	0	2	3
Triangular Bandage	1	2	3
Eye Pad & Bandage	0	2	3
Waterproof Plasters	10	40	60
Cleansing Wipes (Sterile)	10	20	30
Microporous Tape	0	1	2
Nitrile Disposable Gloves (Pair)	2	6	9
Finger Dressing	0	2	3
Revive Aid (Resuscitation Device)	1	1	1
Thermal Blanket	1	1	2
Burn Dressing	2	1	2
Tuff Cut Scissors	1	1	1
Conforming Bandage	0	1	2
Adhesive Wound Dressing	1	0	0
Medium Trauma Dressing	1	0	0



A



B



C



PART NO.	DESCRIPTION	PRICE
S00-4367	A) STANDARD FIRST AID KIT TRAVEL & MOTORING - BS 8599-1:2019	9.79
S00-4368	B) STANDARD FIRST AID KIT SMALL - BS 8599-1:2019	12.46
S00-4369	C) STANDARD FIRST AID KIT MEDIUM - BS 8599-1:2019	19.20

EYE WASH STATIONS AND EYE WASH PODS

- A)** Emergency Eye Wash kit for any location. Self-supporting workbench allows kit to be opened and worked with on the bracket.
- Durable hinged case.
 - Comes with a quick release wall fixing bracket.
 - 500ml HypaClens Eyewash Bottles x 2
 - HypaClens Sterile Eye Dressings x 2

B) A pack of 25 x 20ml Pod Saline Solution for Eye Injuries and Irrigation. Eye wash pods are smaller and more economical for lesser injuries than 500ml twist off top bottles.



PART NO.	DESCRIPTION	PRICE
S26-7238	A) EYEWASH STATION	19.96
S99-7700	B) EYE WASH PODS PKT 25	6.47

ACCIDENT BOOK

Aids Compliance With The Data Protection Act

- By law every business must record accidents to employees and visitors
- Space to record a total of 53 incidents
- The Accident Book provides a quick and easy system for recording accidents in the workplace
- Enables compliance with all requirements of the Social Security Administration Act 1992 and Data Protection Act 1996
- Size A4



PART NO.	DESCRIPTION	PRICE
S99-3482	ACCIDENT BOOK	3.09

FIRE BLANKET

Made from high quality materials and stored in a tough and durable wall mounted case. The 1.2m x 1.8m size blankets are suitable for larger sized or commercial kitchen areas, workshops and clothing fires.

- Wall mounted fire blanket
- Suitable for fires involving less than 3 litres of fat/oil
- Certified to BS EN 1869:1997



PART NO.	DESCRIPTION	PRICE
S00-7275	FIRE BLANKET 1.2M X 1.8M	31.20

FABRIC PLASTERS

Box of 100 assorted shape and size fabric plasters.

These lightweight quality plasters conform easily to the body to stay in place. Designed to cushion and protect. The highly flexible fabric fibre weave ventilates the wound and promotes quick natural healing. Each plaster is individually wrapped. Material stretch fabric provides exceptional comfort.



PPE & SAFETY EQUIPMENT

PART NO.	DESCRIPTION	PRICE
S99-7701	ASSORTED FABRIC PLASTERS	3.30

DISPOSABLE URINAL

Travel John disposable urinal is convenient, sanitary, discreet and compact. It immobilises bacterial growth, quickly absorbs the liquid waste and turns it into an odourless, spill-proof gel bag that is non-toxic and waste disposal safe.

Supplied in pack of 3.



PART NO.	DESCRIPTION	PRICE
P33-0758	DISPOSABLE URINAL - 3PK	5.75

FIRE EXTINGUISHERS TO BS EN3

- A)** 1kg fire extinguisher supplied complete with fixing bracket & kite marked to BS EN3.
- B)** 2kg fire extinguisher supplied complete with fixing bracket & kite marked to BS EN3.
- C)** 9kg fire extinguisher manufactured to BS EN3.



PART NO.	DESCRIPTION	PRICE
S00-3032	A) 1.0KG DRY POWDER BSEN 3 FIRE EXTINGUISHER	11.89
S00-6088	B) 2.0KG DRY POWDER BSEN 3 FIRE EXTINGUISHER	20.55
S00-1171	C) 9.0KG DRY POWDER BSEN 3 FIRE EXTINGUISHER	65.34

MILLS HEAVY DUTY ANTIBACTERIAL HANDWIPE - TUB OF 75

Antibacterial hand wipe supplied in a tub of 75. Wipe size: Size 200 x 260mm.

Tough, fast, safe and convenient wipes designed to remove a wide range of soils such as paint, adhesives, oil, grease, silicone, grime and dirt. They are ideal for cleaning hands, tools and hard surfaces.

Contains ingredients to moisturise hands and prevent drying out.

Not for use on face/near eyes. Dermatologically tested.



PART NO.	DESCRIPTION	PRICE
R99-6590	MILLS HEAVY DUTY ANTIBACTERIAL HANDWIPE	3.77

BIG WIPES ANTIBACTERIAL INDUSTRIAL WIPES

A) Heavy duty BIG WIPES

Antibacterial Industrial wipes contain the unique Advanced Hi-Tech Big Wipes cleaning formula.

Also effective against MRSA, C. Diff., E. Coli 157, Weils (from rats), Salmonella, Staphylococcus and Listeria.

B) Mounting Bracket for Big Wipes Tubs

Van or wall mountable – fixes to ply panelling or integrates easily into bespoke racking system.



PART NO.	DESCRIPTION	PRICE
R99-5795	A) BIG WIPES ANTIBACTERIAL INDUSTRIAL WIPES 120 TUB	9.22
R99-9438	B) MOUNTING BRACKET FOR BIG WIPES TUBS	5.82

SURESAN INSTANT HAND SANITISER 236ML

Alcohol-based sanitiser kills 99.9 percent of germs without water. Moisturising with Vitamin E and Aloe.



PART NO.	DESCRIPTION	PRICE
R99-1608	SURESAN INSTANT HAND SANITISER 236ML	5.80

ROZALEX DRI-GUARD BARRIER CREAM 450ML

Dri-Guard is an application specific barrier cream for protection against dry, oil or solvent based materials.

Typical Commercial Applications:

Manufacturing, Engineering, Oil & Gas, Automotive, Ship building, Civil Engineering, Printing, Welding, Building Trades, Painting & Decorating etc
Supplied in 450ml tubs.



PART NO.	DESCRIPTION	PRICE
S83-1758	ROZALEX DRI-GUARD BARRIER CREAM 450ML	12.86

CALYPSO SUN LOTION SPF50

Calypso Sun Lotion SPF50 with gentle moisturisers offers UVA/UVB protection and helps prevent premature ageing.

Available in 50ml and 150ml sizes.



PART NO.	DESCRIPTION	PRICE
B19-0005	A) CALYPSO SUN LOTION SPF50 150ML	8.89
R99-2007	B) CALYPSO SUN LOTION SPF50 50ML	6.61

MICROCARE STICKLERS MULTICLEAN SURFACE CLEANER 400ML

MultiClean, provides fast and safe cleaning in almost any production environment. High purity IPA and D.I. water is well suited for cleaning medical devices, electronics, stencils, work benches, tools, production machinery, and any surface that requires hygienic grade cleaning. Supplied in 400ml aerosol cans.



PART NO.	DESCRIPTION	PRICE
C05-1648	MICROCARE STICKLERS MULTICLEAN MULTITASK SURFACE CLEANER 400ML	4.82



PURELL INSTANT HAND SANITISER

The worlds best selling hand sanitiser! Ideal for the professional installer who needs regular hand sanitizing but isn't able to get to a sink as part of routine.

- Kills 99.99% of most common germs, that may cause illness, in as little as 15 seconds
- Use anytime, any place, without water or towels
- Contains moisturisers and vitamin E
- Leaves hands feeling refreshed without sticky residue



Active ingredient:
Ethyl Alcohol 62%.

PART NO.	DESCRIPTION	PRICE
R02-1117	A) HAND SANITISER 60ML	2.27
R99-1251	B) HAND SANITISER 350ML	5.52

MILLS WATER SAMPLING KIT

UUK Environment Agency Guideline PPG20 requires the sampling of water of underground structures before de-watering can take place.

The Mills Water Sampling Kit will enable clear identification of polluted water and is housed in a rugged plastic case containing:

- 3 x Sampling bottles with lids
- 1 x Metal sample bottle flange with 3m of cord (for 'at depth' sampling)
- 10 x Disposable gloves
- 160 x Litmus strips with control card
- 1 x Reference/ method card



PART NO.	DESCRIPTION	PRICE
S83-7602	MILLS WATER SAMPLING KIT	59.09

SWARFEGA ORANGE HAND CLEANER PUMP TOP BOTTLE 4 LITRE

Swarfega Orange is an advanced formulation, solvent-free heavy-duty hand cleanser containing natural cornmeal for a deep down cleaning action and moisturiser to help care for skin.



PART NO.	DESCRIPTION	PRICE
R99-0586	SWARFEGA ORANGE HAND CLEANER PUMP TOP BOTTLE 4 LITRE	14.71

WATER TEST CUP

Water Test Cup with black lanyard used for enabling clear identification of polluted water in underground chambers. Capacity: 1/2 pint.



PART NO.	DESCRIPTION	PRICE
S83-1937	WATER TEST CUP	5.87

PAPER TOWELS (ROLL)

General purpose roll of blue paper towel. 100 sheets per roll.

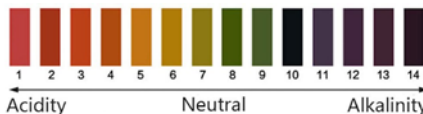
Available individually or in packs of 24.



PART NO.	DESCRIPTION	PRICE
S83-2916	PAPER TOWELS (ROLL) BOX OF 24	26.60
S83-3513	PAPER TOWEL ROLL SINGLE	2.12

LITMUS PAPER TEST STRIPS WITH CONTROL CARD

Set of 160 Professional Litmus Paper 1-14 pH Test Strips with control card. Suitable for testing the acidity / alkalinity of water in underground chambers when used with the S83-7602 Mills Water Sampling Kit. Also suitable for testing Cosmetics, Soil etc.



PART NO.	DESCRIPTION	PRICE
S00-1883	LITMUS PAPER TEST STRIPS WITH CONTROL CARD	2.32

PPE & SAFETY EQUIPMENT

OIL SPILLAGE KIT (15 LITRE)

The kit comprises 8 absorbent pads, an absorbent boom and a disposal bag. Suitable for an oil spill of up to 15 litres.



PART NO.	DESCRIPTION	PRICE
S00-9000	OIL SPILLAGE KIT (15 LITRES)	19.80

GRABBER / LITTER PICKER 940MM

A flexible and versatile easy grip litter picker, popular with local authorities, community groups, facilities management and the janitorial sector as an indoor and outdoor application grabber/reacher for multi-purpose cleansing duties. Length Overall: 940mm.



PART NO.	DESCRIPTION	PRICE
S00-1928	GRABBER / LITTER PICKER 940MM	25.57

PLANT NAPPY

A) Plant Nappy sits under a huge range of machinery and hand-held equipment to absorb oil and fuels that prevents them from reaching the ground, protecting the environment. The Plant Nappy is supplied with a reusable liner allowing it to be reused time and time again.

Size: 1000 x 685mm
Absorbency: 4.5 litres
Weight: 2kg

B) Re-useable Plant Nappy Medium liner for use with S83-1544 Plant Nappy Medium 1000 x 685mm.



PART NO.	DESCRIPTION	PRICE
S83-1544	A) PLANT NAPPY	315.52
S83-1556	B) RE-USEABLE PLANT NAPPY MEDIUM LINER	41.20

HAZARDOUS WASTE DISPOSAL BAGS & TIES PK10

Pack of 10x Hazardous Waste Disposal bags, 60 x 90cm supplied complete with ties. Grade: 140 micron.



PART NO.	DESCRIPTION	PRICE
S26-1927	HAZARDOUS WASTE DISPOSAL BAGS & TIES PK10	27.97

LIQUID ABSORBING GRANULES 20 LITRES

This specially produced granular clay will absorb oil, grease and all kinds of liquid spillages without granular breakdown, leaving surfaces clean, dry and safe. Size: 20 Litres



PART NO.	DESCRIPTION	PRICE
S26-7239	LIQUID ABSORBING GRANULES 20 LITRES	12.98

HEAVY DUTY REFUSE SACKS BLACK (ROLL OF 10)

Superior quality with a leak resistant base. 735 x 970mm Bag, Thickness: 40 microns, Capacity: 96 litres.



PART NO.	DESCRIPTION	PRICE
R02-1396	HEAVY DUTY REFUSE SACKS BLACK (ROLL OF 10)	2.02

PPE & SAFETY EQUIPMENT



HONEYWELL BW MICROCLIP X3

Small size. Easy to use. Reliable operation. Affordable protection. It's no wonder the Honeywell BW MicroClip is the world's most popular multi-gas detector, serving as your trusted companion in hazardous environments, keeping you safe without weighing you down. Plus, it's the first multi-gas detector with a rating of IP68 for unmatched water protection. So you can be confident it will stand up to challenging conditions.

The Honeywell BW MicroClip X3 features a three-year warranty and a new oxygen sensor that extends overall operational life expectancy.

- Advanced engineering for reliable battery performance
- Reflex Technology™ automated self-test function routinely checks the operating condition of the sensors to increase safety, up-time, and overall worker confidence
- Compact, lightweight and easy to use - no expertise required
- Flashing green IntelliFlash™ light for compliance at a glance
- Five-year life expectancy - plus a three-year warranty
- An all-new oxygen sensor that operates consistently for five years with no replacement costs for the life of the detector
- Superior cost of ownership - with minimized maintenance and maximized uptime

Available in:

A) C00-5970 2 Gas (CH4 & H2S)

B) C00-5971 4 Gas (O2, H2S, CO & Combustibles)

Supplied with 12in-car charger. Mains charger available separately.



PART NO.	DESCRIPTION	PRICE
C00-5970	A) HONEYWELL BW MICROCLIP X3 2 GAS GDU	265.37
C00-5971	B) HONEYWELL BW MICROCLIP X3 4 GAS GDU	348.73
S83-3478	C) REPLACEMENT IN-CAR CHARGER	25.70
C00-4181	D) MAINS CHARGER	15.40

HONEYWELL BW QUATTRO 4 GAS DETECTOR H2S CO O2 & LEL

Rugged and reliable, the GasAlertQuattro four-gas detector, H2S CO O2 & LEL, combines a comprehensive range of features with simple one-button operation. With flexible power options, the GasAlertQuattro is always ready. The graphic LCD displays easy to identify icons that indicate operational information, such as bump test and calibration status for simplified onsite auditing.

IntelliFlash provides continuous visual confirmation of detector operation and compliance.

Suited to a wide range of industrial applications including confined space entry, the GasAlertQuattro is fully compatible with BW's MicroDock II automatic test and calibration system.

- Interchangeable rechargeable battery pack or alkaline pack with 3 AA batteries
- Comprehensive datalogging and event logging capacity
- IntelliFlash verifies operation and compliance to user and supervisors from up to 20 ft. / 6.1 m
- Field-proven SureCell sensors offer an unprecedented performance in even the harshest environments.



PART NO.	DESCRIPTION	PRICE
C00-5972	HONEYWELL BW QUATTRO 4 GAS DETECTOR	POA
S83-3478	REPLACEMENT IN-CAR CHARGER	25.70
C00-4181	MAINS CHARGER	15.40

HONEYWELL BW ICON + 4 GAS DETECTOR H2S CO O2 & LEL

Honeywell BW™ Icon+ delivers an icon-based experience in a serviceable package. It enables you to maximize the lifespan of your 4-gas detectors, optimise long-term cost of ownership and select from multiple gas sensors for flexible applications.

- The latest in low power LEL infrared technology, giving you a battery runtime of 2 months
- I Series sensor technology giving you wider temperature working conditions and a 5-year expected life
- Compatible with the IntelliDox system for fast bump testing, data downloading, configuration and calibration of device. IntelliDox is now compatible with the external filter plate
- Bluetooth as standard for connection in to the Safety Suite Device Configurator App



PART NO.	DESCRIPTION	PRICE
C00-1918	HONEYWELL BW ICON + 4 GAS DETECTOR	442.85
S83-3478	REPLACEMENT IN-CAR CHARGER	25.70
C00-4181	MAINS CHARGER	15.40

PPE & SAFETY EQUIPMENT

BELT SAFETY II

The Ridgegear specialist harness kit is designed for the telephone utilities, and comprises;

- S83-3185 RGHI I Multipurpose Harness tested to BSEN 358 and 361
- S50-0656 RGP1 I Work Positioning Belt
- S50-0657 RGL I Full Arrest Lanyard

Available in Small (A), Medium (B), Large (C) and Extra Large (D)



PART NO.	DESCRIPTION	WAIST	CHEST	PRICE
S83-0887	BELT SAFETY II 'A' (SMALL) - COMPLETE KIT	<31"	<35"	222.63
S83-0888	BELT SAFETY II 'B' (MEDIUM) - COMPLETE KIT	29"-38"	33"-42"	222.63
S83-0889	BELT SAFETY II 'C' (LARGE) - COMPLETE KIT	36"-45"	40"-49"	222.63
S83-0890	BELT SAFETY II 'D' (XL) - COMPLETE KIT	>45"	>49"	222.63

SAFETY HARNESS

Multi Purpose Harness for most purposes. Fully tested to BSEN 358 and 361.



PART NO.	DESCRIPTION	PRICE
S83-3185	SMALL HARNESS	102.57
S83-4034	MEDIUM HARNESS	102.57
S83-4035	LARGE HARNESS	102.57
S83-4036	XL HARNESS	102.57

FALL ARREST LANYARD

Fall arrest lanyard comprising 50mm web shock absorber and 1.7m of 12m integral kernmantel rope lanyard. Fully tested to BSEN 355.



PART NO.	DESCRIPTION	PRICE
S50-0657	FALL ARREST LANYARD	111.09

WORK POSITIONING BELT

Restrain Belt for fixing work position at height. Fully tested to BSEN 3358.



PART NO.	DESCRIPTION	PRICE
S50-0656	WORK POS. BELT	97.73

**SPECIALIST TRAINING COURSES, INCLUDING:**

- Harness Training & Work at Height Awareness (Max 15 delegates)
- MEWP Harness Use & Inspection (Max 15 delegates)
- Working at Height Practical (Max 6 delegates)
- Working at height – Fall Arrest (Max 6 delegates)
- PPE Inspector (Max 15 delegates)

FULL BODY HARNESSES

All feature 45mm water repellent webbing, rip stitch indicators & high tensile steel alloy fittings.

RGH2

EN361.
Front and rear attachment.
Available in 4 sizes.



RGH4

EN361 & EN358.
Front, rear and side attachment.
Gear loops.



PART NO.	DESCRIPTION	PRICE
S00-0660/S	RGH2 FRONT & REAR D - SMALL	35.70
S00-0660/M	RGH2 FRONT & REAR D - MEDIUM	35.70
S00-0660/L	RGH2 FRONT & REAR D - LARGE	35.70
S00-0660/XL	RGH2 FRONT & REAR D - EXTRA LARGE	40.43
S00-0661	RGH4 FRONT, REAR & SIDE D	81.06

KARABINERS



RGK1

EN362.
Steel Screw Gate.
17mm.



RGK2

EN362.
Steel Twist Lock.
17mm.

PART NO.	DESCRIPTION	PRICE
S00-0679	RGK1 SCREW GATE KARABINER	3.21
S00-0680	RGK2 TWIST LOCK KARABINER	6.95

ROPE WORK POSITIONING STRAP

RGPI

Rope work positioning pole strap complete with slide chuck 2 metres.



PART NO.	DESCRIPTION	PRICE
S00-3623	ROPE WORK POSITIONING STRAP	131.92

LANYARDS



RGL1

Webbing Lanyard & Shock Absorber. EN354 & EN355.



RGL3

Twin Leg Webbing Lanyard & Shock Absorber. EN354 & EN355.

Extra leg allows movement between anchorage points by means of double clipping.



RGL6

Elasticated Webbing Lanyard & Shock Absorber. EN354 & EN355.

The elastication in the lanyard reduces the amount of hanging slack - reducing trip hazards and risk of entanglement.



PART NO.	DESCRIPTION	PRICE
S00-0662	1.3M RGL1 WEBBING	25.77
S00-3497	1.8M RGL1 WEBBING	28.02
S00-3498	1.3M RGL3 TWIN LEG WEBBING	28.69
S00-3499	1.8M RGL3 TWIN LEG WEBBING	33.99
S00-3618	1.3M RGL6 ELASTICATED WEBBING	30.37
S00-3619	1.8M RGL6 ELASTICATED WEBBING	26.99

PPE & SAFETY EQUIPMENT

EVOLITE® SKYWORKER™ HELMET

The EVO Lite® Skyworker™ helmet has a suspension system and shell structure that has been designed to be used for telecoms, industrial, mountaineering and rescue.

Meeting the EN12492 standard. A helmet complying to the mountaineering standard is impact tested with two 5kg strikers. A hemispherical striker is dropped from 2 metres onto the crown of the helmet and a flat striker from 500mm on to the front, rear or side by tilting the headform to 30°.

In all cases, the transmitted force through the neck of the headform must not exceed 10kN. Two penetration tests with a 3kg pointed striker are also performed within a 50mm radius of the helmet's crown without making contact with the headform.

Strong Light Shell

Conforms to the mandatory shock absorption and penetration requirements of EN397 industrial standard.

E.P.S Liner

Side, front and rear impact protection from the shock absorbing E.P.S liner.

4-Point Chinstrap

Fully adjustable 4-point chinstrap with quick release buckle.

Impact Protection

Side, front and rear impact protection from the shock absorbing E.P.S liner. The liner is vented to increase comfort whilst maintaining a high protection factor.

Supreme Comfort

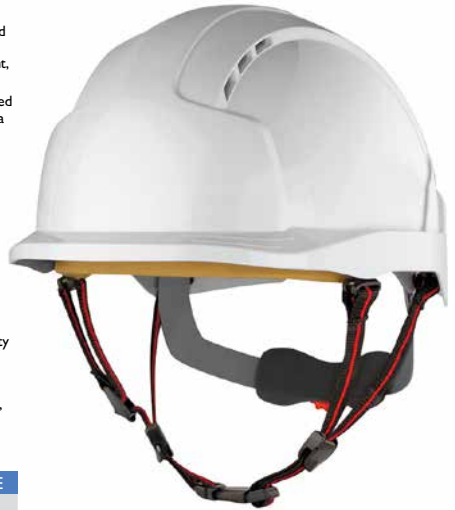
A 6-point Terylene harness system & Chamlon™ sweat band. Revolution® wheel ratchet and 3D adjustment and a vented shell to reduce heat within the helmet.

Accessories

A universal attachment slot enables firm fitting of a range of Surefit™ safety visors, and ear defenders.

Branding

Extra large area for logos on the front, sides and rear. Service offered free of charge with a minimum 20 units. Call sales on **020 8833 2626** for details.



PART NO.	DESCRIPTION	PRICE
S26-1034	A) EVOLITE SKYWORKER HELMET - WHITE	48.15
S26-1036	B) EVOLITE SKYWORKER HELMET - BLUE	48.15
S26-1040	C) EVOLITE SKYWORKER HELMET - YELLOW	48.15

RIDGEGEAR TOOL LANYARDS

The standard lanyard is an entry level product that does the job perfectly. It is made from high quality 20mm flat webbing which is specially treated to be water repellent and resistant to oil and grease.

A) RidgeGear RTLS1 Standard Tool Lanyard



B) RidgeGear RTLE3 Elastic Tool Lanyard with Choke Loop & Belt Attachment 'O' Ring



C) RidgeGear RTLK1 Kinetic™ Tool Lanyard with Choke Loop



D) RidgeGear RTLS2A Clip Buckle Choke Loops Pk 3



E) RidgeGear RTLS2 Tool Lanyard with Clip Buckle with 3 Choke Loops



PART NO.	DESCRIPTION	PRICE
S00-7564	A) RIDGEGEAR RTLS1 STANDARD TOOL LANYARD	4.84
S00-7567	B) RIDGEGEAR RTLE3 ELASTIC TOOL LANYARD WITH CHOKE LOOP & BELT ATTACHMENT 'O' RING	11.40
S00-7568	C) RIDGEGEAR RTLK1 KINETIC™ TOOL LANYARD WITH CHOKE LOOP	28.41
S00-7566	D) RIDGEGEAR RTLS2A CLIP BUCKLE CHOKE LOOPS PK 3	3.50
S00-7565	E) RIDGEGEAR RTLS2 TOOL LANYARD WITH CLIP BUCKLE WITH 3 CHOKE LOOPS	6.18

RIDGEGEAR TOOL LANYARD ACCESSORIES

A) The RTL1 is a compact captive eye karabiner which can be used in conjunction with S00-7571 RTL1 on lightweight tools.

- Gate opening: 8mm
- Size: 50mm x 25mm
- Closure type: Snap gate
- Max Capacity: 1 kg



B) The RTL2 is a snap gate karabiner which comes in two sizes and capacities, perfect for connecting and swapping between multiple tools quickly. 50 x 25mm.



Both sizes shown for illustrations purposes.



C) The RTL2 is a snap gate karabiner which comes in two sizes and capacities, perfect for connecting and swapping between multiple tools quickly. 60 x 30mm.



Both sizes shown for illustrations purposes.



D) The RTL3 is a screw gate karabiner which comes in two sizes and heavier capacities, perfect for connecting and swapping between multiple tools. 40 x 20mm.



Both sizes shown for illustrations purposes.

E) The RTL3 is a screw gate karabiner which comes in two sizes and heavier capacities, perfect for connecting and swapping between multiple tools. 50 x 20mm.



Both sizes shown for illustrations purposes.

F) The RTL3 is a flat webbing connector with a D-ring which can be used in conjunction with Tool Ties S00-7569 RTL1 and S00-7570 RTL2 and/or small karabiners S00-7574 RTL2C or S00-7576 RTL3. PK5

- Length: 70mm
- Web material: 20mm water repellent polyester
- Attachment type: Flat loop with D ring



G) The RTL2 is a Tool Tie with a holed steel connector which can be tightened around a tool without an opening and used in conjunction with one of our small karabiners S00-7574 RTL2C or S00-7576 RTL3.

- Length: 240mm
- Width: 10mm
- Closure type: 7mm Hex Bolt
- Max Capacity: 1kg



H) The RTL1 is a Tool Tie supplied in a pack of 5 which can be tightened around a tool without an opening and used in conjunction with the webbing connector S00-7572 RTL3.

- Length: 240mm
- Width: 10mm
- Closure type: 7mm Hex Bolt
- Max Capacity: 1kg



I) The RTL1 is a cord connector which can be knotted and choked around lightweight tools, particularly those with captive holes.

- Length: 10m
- Material: Nylon Cord



PPE & SAFETY EQUIPMENT

PART NO.	DESCRIPTION	PRICE
S00-7573	A) RIDGEGEAR RTL1 STEEL SNAP GATE KARABINER FOR TOOL CONNECTION	4.46
S00-7574	B) RIDGEGEAR RTL2 SNAP GATE KARABINER FOR TOOL CONNECTION 50 X 25MM	1.11
S00-7575	C) RIDGEGEAR RTL2 SNAP GATE KARABINER FOR TOOL CONNECTION 60 X 30MM	1.34
S00-7576	D) RIDGEGEAR RTL3 SCREW GATE KARABINER FOR TOOL CONNECTION 40 X 20MM	0.90
S00-7577	E) RIDGEGEAR RTL3 SCREW GATE KARABINER FOR TOOL CONNECTION 50 X 25MM	1.06
S00-7572	F) RIDGEGEAR RTL3 D RING TOOL CONNECTORS PK 5	4.07
S00-7570	G) RIDGEGEAR RTL2 TOOL TIE WITH HOLED STEEL CONNECTOR PK 5	16.71
S00-7569	H) RIDGEGEAR RTL1 TOOL TIE WITH BOLT TIGHTENING PK 5	10.02
S00-7571	I) RIDGEGEAR RTL1 ACCESSORY CORD 2MM X 10M	11.70



TETRA LEANING LADDER & POLE KIT

Complete Leaning Ladder & Pole Kit, providing three points of contact at the head of the ladder, as used by Openreach Engineers.

Comprising:

- 1 x Cow's Tail including Small Twist Lock Karabiners and Large Scaffold Karabiner
- 2 x 12mm Diameter Reusable Ladder Tie Bolt
- 2 x 6 Metre Ladder Strap with Cam Buckle & Karabiners
- 1 x Hi Vis Ladder Yoke
- 1 x Rope Grab including Twist Lock Karabiner
- 1 x 10 metre x 11mm Diameter Static Kernmantle Rope including Aluminium Scaffold Karabiner
- 1 x Day Glow Tape Sling complete with 7 sewn loops for securing ladders to pole
- 1 x Storage Bag Medium
- 1 x 12.5mmØ SDS Plus Masonry Drill Bit



PART NO.	DESCRIPTION	PRICE
S00-0984	TETRA LEANING LADDER & POLE KIT	303.33

TETRA SECOND LADDER KIT

Complete Second Ladder Kit as used by Openreach Engineers.

Comprising:

- 2 x 6 Metre Ladder Strap with Cam Buckle & Karabiners
- 1 x Hi Vis Ladder Yoke
- 1 x 10 metre x 11 mm Diameter Static Kernmantle Rope including Aluminium Scaffold Karabiner
- 1 x Day glow tape sling complete with 7 sewn loops for securing ladders to pole
- 1 x Storage Bag Medium



PART NO.	DESCRIPTION	PRICE
S00-0988	TETRA SECOND LADDER KIT	160.71

TETRA FLAT ROOF KIT

Complete Flat Roof Kit as used by Openreach Engineers.

Comprising:

- 1 x 20mm Reusable Eyebolt for Flat Roof Use
- 1 x 3 Metre Kernmantle Rope and Karabiner for Flat Roof Use
- 1 x 20 mm Ø SDS Plus Masonry Drill Bit



PART NO.	DESCRIPTION	PRICE
S00-1025	TETRA FLAT ROOF KIT	59.29



Consumables

Adhesives & Sealants

Batteries

Cable Clips

Cable Ties & Accessories

Fixings & Fastenings

Marking & Labelling

Tapes

Solvents

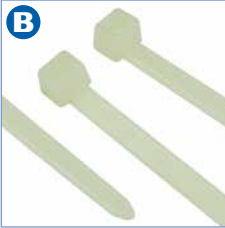
Wipes & Hand Care

FUSION CABLE TIES

Suitable for a variety of applications, such as cable binding or harnessing. Supplied in a pack of 100.

- Manufactured from UL approved virgin nylon 6/6
- General operating temperature: -40°C to 85°C

- Flammability rating: UL94V-2 (self-extinguishing within 30 seconds)
- UV resistant for outdoor use (black ties only)
- Black ties are halogen free
- RoHS compliant



Fusion
ALTOGETHER BETTER

A) BLACK TIES

PART NO.	DESCRIPTION	PRICE
S00-1401	100 X 2.5MM BLACK (PKT 100)	0.47
S00-1403	150 X 3.5MM BLACK (PKT 100)	1.15
S00-1405	200 X 4.5MM BLACK (PKT 100)	1.82
S00-1407	300 X 4.6MM BLACK (PKT 100)	2.60

B) NATURAL TIES

PART NO.	DESCRIPTION	PRICE
S00-1400	100 X 2.5MM NATURAL (PKT 100)	0.47
S00-1402	150 X 3.5MM NATURAL (PKT 100)	1.15
S00-1404	200 X 4.5MM NATURAL (PKT 100)	1.82
S00-1406	300 X 4.6MM NATURAL (PKT 100)	2.90

STRAPS CABLE FIXING

Suitable for a variety of applications, such as cable binding or harnessing. Supplied in a pack of 100 with the exception of S83-0896 which is supplied in 50.

- Manufactured from UL approved virgin nylon 6/6
- General operating temperature: -40°C to 85°C
- Flammability rating: UL94V-2 (self-extinguishing within 30 seconds)
- UV resistant for outdoor use (black ties only)
- Black ties are halogen free
- RoHS compliant

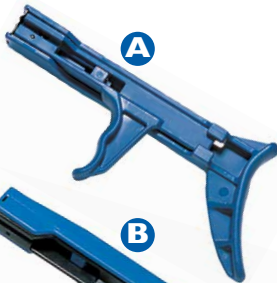


PART NO.	DESCRIPTION	PRICE
S83-2703	1C BLACK 100MM X 2.5MM (T18R) - PKT 100	0.80
S83-0904	1A BLACK 270MM X 4.8MM(LK2A) - PKT 100	2.17
S83-0896	10A BLACK 540MM X 13.0MM (LK5B) - PKT 50	13.06
S00-3121	BLACK 540MM X 8MM - PKT 100	11.53
S83-2704	1C NATURAL 100MM X 2.5MM (T18R) - PKT 100	0.39
S83-2929	1A NATURAL 270MM X 4.8MM (LK2A) - PKT 100	2.17

A) CABLE TIE TENSIONER 5A (PLASTIC) 2.4 - 4.6

Lightweight and durable cable tie gun, squeeze trigger to tension, twist to cut.

For nylon cable ties 2.5 - 4.8 mm. Ref: 126820.

**B) CABLE TIE TENSIONER 7A (PLASTIC) 4.6 - 7.6**

Lightweight and durable cable tie gun, squeeze trigger to tension, twist to cut.

For nylon cable ties from 4.8 - 7.6 mm.

**C) CABLE TIE GUNS**

Cable tie gun with automatic cut-off in one simple pull of a trigger. Designed for use nylon cable ties with widths from 2.2 to 4.8mm and a thickness up to 1.6mm.



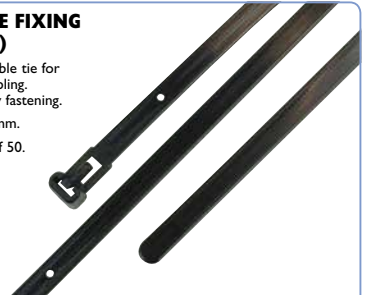
PART NO.	DESCRIPTION	PRICE
S83-0945	A) TENSIONER 5A (PLASTIC) 2.4 - 4.6	12.03
S83-0853	B) TENSIONER 7A (PLASTIC) 4.6 - 7.6	29.69
S57-3005	C) PROFESSIONAL CABLE TIE GUN	14.42

STRAP CABLE FIXING 12A (REL180)

Black, releasable cable tie for use in overhead cabling. Ideal for temporary fastening.

Size: 180mm x 7.5mm.

Supplied in packs of 50.



PART NO.	DESCRIPTION	PRICE
S83-0886	STRAP CABLE FIXING 12A (REL180)	16.51

FUSION CABLE TIE HANDY PACK

A handy pack of 200 different sized, multicoloured cable ties. Suitable for a variety of applications such as cable binding or harnessing.

Comprising:

- 25 x 2.5 x 100mm Red
- 25 x 2.5 x 100mm Green
- 25 x 2.5 x 100mm Blue
- 25 x 2.5 x 100mm Yellow
- 25 x 2.5 x 150mm Natural
- 25 x 2.5 x 150mm Black
- 25 x 3.6 x 200mm Natural
- 25 x 3.6 x 200mm Black

- Manufactured from UL approved virgin nylon 6/6
- General operating temperature: -40°C to 85°C
- Flammability rating: UL94V-2 (self-extinguishing within 30 seconds)
- RoHS compliant

Fusion
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PART NO.	DESCRIPTION	PRICE
T70-0623	FUSION CABLE TIE HANDY PACK	1.60

CABLE TIE BASE

Self adhesive cable tie mounting bases designed for holding heavier cable bundles offering very secure fixing, allowing 4 way entry for cable ties. Available in black.



Supplied in packs of 50, except for S83-3902 MBSA which are supplied in packs of 100.

PART NO.	DESCRIPTION	SIZE (MM)	STRAP WIDTH (MAX)	PRICE
S83-3899	MB2A	13 X 13	2.7MM	5.00
S83-3900	MB3A	19 X 19	4.1MM	17.17
S83-3901	MB4A	28 X 28	5.4MM	5.62
S83-3902	MBSA	38 X 38	10MM	56.15

CABLE TIE MARKERS AND TOMBSTONE MARKER TIES

- A) Cable Tie Markers in natural colour with 40mm x 20mm write on plate to fix up to 4.8mm width cable ties. Supplied in Natural colour in a pack of 100.
- B) Tombstone Marker Ties in natural colour comprising an 80mm x 2.4mm tie with 25mm x 8mm writing area. Supplied in a pack of 100.



PART NO.	DESCRIPTION	PRICE
R02-2413	A) CABLE TIE MARKERS	3.86
R02-2414	B) TOMBSTONE MARKER TIES	3.45

TAG MARKER

An identification tag used to identify cable and cable runs. It can be fastened to cables using cable ties up to 4.6mm wide. Tag Marker 1A is 63mm long and accommodates up to 8 collet Markers. Tag Marker 2A is 100mm long and accommodates up to 14 Collet Markers. Supplied in packs of 100, in black or natural colour.



PART NO.	DESCRIPTION	PRICE
S83-3907	TAG MARKER 1A BLACK (PKT100)	6.07
S83-3908	TAG MARKER 1A NATURAL (PKT100)	6.07
S83-3909	TAG MARKER 2A BLACK (PKT100)	6.54
S83-3910	TAG MARKER 2A NATURAL (PKT100)	6.54

FUSION CABLE TIE CRADLES SUITABLE FOR SELF-ADHESIVE APPLICATIONS

Available in Natural or Black and in 19mm Sq or 28mm Sq. Supplied in packets of 100.



PART NO.	DESCRIPTION	PRICE
R02-2415	CRADLE 19MM SQ NATURAL (PKT 100)	4.78
R02-2416	CRADLE 19MM SQ BLACK (PKT 100)	4.78
R02-2417	CRADLE 28MM SQ NATURAL (PKT 100)	3.10
R02-2418	CRADLE 28MM SQ BLACK (PKT 100)	3.11

CABLE TIE WALL MOUNTS AND SUPPORTS**A) Cable Tie Support**

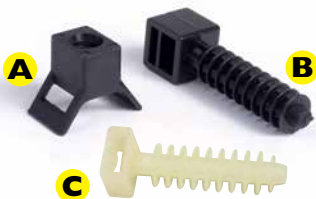
Suitable for Cable Ties up to 9mm. Supplied in Pkt of 100.

B) Cable Tie Wall Mounts (Black)

Suitable for Cable Ties up to 9mm. Supplied in Pkt of 100.

C) Cable Tie Wall Mounts (Natural)

Suitable for Cable Ties up to 9mm. Supplied in Pkt of 100.



PART NO.	DESCRIPTION	PRICE
R02-2423	A) CABLE TIE SUPPORTS BLACK (PKT 100)	7.06
R02-2419	B) CABLE TIE WALL MOUNTS BLACK (PKT 100)	3.67
R02-4802	C) CABLE TIE WALL MOUNTS NATURAL (PKT 100)	3.09

SEE OUR COMPREHENSIVE CABLE MANAGEMENT SECTION**PAGES 421-446**

MILLS STAINLESS CABLE TIES

Stainless steel cable ties are ideal for all applications that require high strength, reliability and fire resistance. In the event of a fire, cables will remain securely held in place and will not fall to block emergency exits.

These ties have a locking feature and offer infinite adjustment within their length. The ties are heavy duty and once installed they can be opened and re-used if required.

It is strongly recommended that these cable ties are applied using the S57-4257 Cable Tie Gun for Stainless Steel Ties or S00-5631 Tensioning Tool to ensure reliable and efficient fixing.

Available in 4 popular sizes:

- A) S00-5620 127mm x 4.6mm Pk 100
 B) S00-4685 201mm x 4.6mm Pk 100
 C) S00-4686 300mm x 4.6mm Pk 100
 D) S00-5628 Tie 362mm x 7.9mm Pk 50



PART NO.	DESCRIPTION	PRICE
S00-5620	A) S'STEEL CABLE TIE 127MM X 4.6MM PK 100	21.99
S00-4685	B) S'STEEL CABLE TIES 201MM X 4.6MM PK 100	7.71
S00-4686	C) S'STEEL CABLE TIES 300MM X 4.6MM PK 100	8.23
S00-5628	D) S'STEEL CABLE TIE 362MM X 7.9MM PK 50	19.99

STAINLESS STEEL SCREW FIXING MOUNTS

Suitable for the secure fixing of cables, tubing, conduits and pipes within the most arduous of environments. Providing a complete fastening and fixing solution when used in conjunction with stainless steel ties up to 10.0 mm width.

Made from Grade 316 Stainless Steel (SS316).

Dimensions: 10.2mm (w) x 23.0mm (l) x 4.5mm (h)

Available with three different hole sizes. Supplied in packs of 100.



PART NO.	DESCRIPTION	PRICE
S00-5633	4.2MM Ø HOLE - STAINLESS STEEL P MOUNTS PK100	40.73
S00-5634	5.3MM Ø HOLE - STAINLESS STEEL P MOUNTS PK100	40.73
S00-5635	6.3MM Ø HOLE - STAINLESS STEEL P MOUNTS PK100	40.73

STAINLESS STEEL CRADLE MOUNT CLIP

A cradle mount clip that meets the requirements of BS761, 3rd Amendment, 7th Edition. Suitable for use with stainless steel cable ties up to and including 7.9mm.

Features a No.8 (4mm ø) fixing hole for securing on to the building fabric.

Supplied in a pack of 100.

Dimensions: 12mm (w) x 16mm (l).



PART NO.	DESCRIPTION	PRICE
S00-5636	STAINLESS STEEL CRADLE MOUNT CLIP PK100	22.86

SAFE-D U-CLIPS

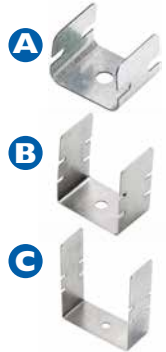
Safe-D U-clips can be fitted direct-to-surface, or in non-metallic trunking systems. After cables are inserted, tabs can be folded inwardly to safely secure the cables. They are produced from a specified steel with >1200°C melting point.

Available in 3 popular sizes

A) S18-0031 For use with MMT2 25 x 16mm mini trunking. Dimensions 20mm (L) x 23mm (W) x 8mm (H). Supplied in a pack of 100.

B) S00-0032 For use with MMT5 50 x 25mm mini trunking. Dimensions: 20mm (L) x 47mm (W) x 30mm (H). Supplied in a pack of 50

C) S00-0033 For use with MMT5 50 x 25mm mini trunking. Dimensions: 20mm (L) x 47mm (W) x 30mm (H). Supplied in a pack of 50



PART NO.	DESCRIPTION	PRICE
T18-0031	A) SAFE-D U-CLIP 30 PK100	14.57
T18-0032	B) SAFE-D U-CLIP 40 PK50	12.01
T18-0033	C) SAFE-D U-CLIP 50 PK50	15.45

STAINLESS STEEL FIRE CLIP FOR MINI TRUNKING

The safest solution to securing cable within mini trunking.

Made from Grade 430 Stainless Steel (SS430)

- Suitable for 25 x 16mm mini trunking
- Completely invisible once mounted within the trunking
- No. 8 (4mm Ø) fixing hole for securing the clip to the building fabric
- Holds cables in position, even in the event of a fire

Dimensions:

21mm (w) x 20mm (l).

Supplied in packs of 50.



PART NO.	DESCRIPTION	PRICE
S00-5637	FIRE CLIP FOR MINI TRUNKING PK50	15.86

STAINLESS STEEL CABLE TIE GUNS

A) Tensioning tool H/Duty lever Arm Style

This tensioning tool is designed for installing heavy duty stainless steel cable ties from 4.5 - 12.3mm strap width. The tensioning strength can be adjusted while pulling the trigger.

B) Stainless Steel Cable Tie (Trigger Style)

For tightening and cutting stainless steel cable ties with widths between 4.5 and 7.9mm, and up to 0.3mm thick. The gun cuts stainless steel cable ties once tensioning is complete.



PART NO.	DESCRIPTION	PRICE
S00-5632	A) TENSIONING TOOL H/DUTY LEVER ARM STYLE	89.17
S57-4257	B) STAINLESS STEEL CABLE TIE (TRIGGER STYLE)	57.27

FIREFLY CABLE CLEATS

Firefly™ Fire Safety Clips and Cleats provide an all metal fire resistant range of cable fixings that will hold cables and cleats in place during a fire, thereby increasing the safety of firefighters and people escaping from burning buildings. They offer full compliance to the new regulations in the new BS7671 18th Edition.

6mm fixing hole size.

Supplied in a pack of 100.

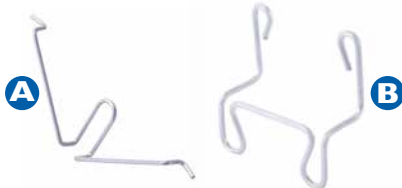


PART NO.	DESCRIPTION	PRICE
R02-3558	FOR CABLE 10.1 - 12.7MM OD PK100	32.45
R02-3559	FOR CABLE 12.6 - 15.7MM OD PK100	32.45
R02-3564	FOR CABLE 15.1 - 17.8MM OD PK100	37.24
R02-3565	FOR CABLE 17.7 - 20.3MM OD PK50	21.63
R02-3576	FOR CABLE 20.2 - 22.8MM OD PK50	21.63
R02-3577	FOR CABLE 22.7 - 25.4MM OD PK50	22.25

FIREFLY TRUNKING CLIPS

A) Internal - that fit within trunking prior to cables being installed
B) External - that can be retrofitted to existing trunking installations.

Fire safety clips to assist with the requirements of BS 7671 wiring regulations. Spring loaded design for quick and easy installation or removal of cables. Melt point over 1000°C.



PART NO.	DESCRIPTION	PRICE
R02-3551	A) FOR 25 X 16MM MINI TRUNKING PK100	46.87
R02-3552	A) FOR 38 X 25MM MINI TRUNKING PK100	51.66
R02-3553	A) FOR 50 X 25MM MINI TRUNKING PK100	54.83
R02-3554	B) FOR 25 X 16MM MINI TRUNKING PK100	64.27
R02-3556	B) FOR 38 X 25MM MINI TRUNKING PK100	69.69

COLLET MARKER 2 YELLOW SET 0-9

Ten packs of 50 each, collet marker numbers 0-9.

Colour: Yellow

Colour of Print: Black

Dimensions:

Bundle Dia max. 9.0mm

Bundle Dia min. 4.0mm

Conductor Size Range mm² 4.0 - 16.0mm²

Length 5.0mm

Ref: 072796



PART NO.	DESCRIPTION	PRICE
S83-1757	COLLET MARKER 2YELLOW SET 0-9	86.65

GENUINE VELCRO® BRAND ROLLS

Available in 25m Rolls in 10mm and 16mm widths. Ideal for sensitive cable management applications.

VELCRO® is a registered trade mark of Velcro Industries B.V.



PART NO.	DESCRIPTION	PRICE
R51-0456	GENUINE 10MM VELCRO® 25M ROLL	11.86
R51-0457	GENUINE 16MM VELCRO® 25M ROLL	17.28

HOOK & LOOP CABLE TIES - PKT 100

The Hook and Loop Tie is both quick and simple to use without the need for tools. It is corrosion free, resistant to ageing and re-usable many times. These ties are ideal for use on telephone, optical fibre and data cables.



PART NO.	DESCRIPTION	PRICE
R51-8450	BLACK TIE 13 X 150MM (PKT 100)	17.69
R51-8451	BLACK TIE 13 X 230MM (PKT 100)	24.75
R51-8452	BLACK TIE 13 X 330MM (PKT 100)	28.29

HOOK AND LOOP ROLLS

Hook and Loop Tie available on a 25m roll and is simple to use without the need for tools. It is corrosion resistant to ageing and re-usable many times. Ideal for use on telephone, optical fibre and data cables. Available in 25m rolls, in 9mm and 16mm widths. Supplied in black.



PART NO.	DESCRIPTION	PRICE
R02-7002	9MM HOOK & LOOP 25M ROLL	12.49
R02-7003	16MM HOOK & LOOP 25M ROLL	14.24

TE SLIDE-ON CABLE MARKERS - K-TYPE®

Critchley K-Type® slide-on cable markers (K65) offer a versatile marking system for cables, cable bundles and conduit. The elliptical marker profile allows easy fitting to carrier strips, and contains large characters for good legibility.

Four sizes of carrier strips holding from 7 to 28 markers are also available in addition to full K-type markers kits containing numbers, letters symbols and carriers strips.

- Material: PVC
- Service Temperature Range: -45°C to +70°C
- Chemical Resistance: Excellent resistance to sea water, detergents (10% aqueous), fuels, oils, white and industrial spirit.
- Cable Diameter: 4.2 - 7.0mm²
- For Cable Size: 4.0 - 10.0mm²
- Marker Length: 6.0mm



AVAILABLE AS 40 COMPARTMENT MARKER KITS

K-TYPE® BLACK ON WHITE MARKER KIT

The K-Type marker standard kit comes with numbers, letters, symbols and carrier strips and is an ideal marking system for cables, cable bundles and conduit.

The Marker Kit contains 100 of each: 0-9, A-Z, +, -, /, EARTH, 200 x 12 Digit Carriers, 100 x 7 Digit Carriers.



PART NO.	DESCRIPTION	PRICE
C71-3657	K-TYPE BLACK ON WHITE MARKER KIT	197.85

K-TYPE® BLACK ON YELLOW MARKER KIT

The K-Type marker standard kit comes with numbers, letters, symbols and carrier strips and is an ideal marking system for cables, cable bundles and conduit.

The Marker Kit contains 100 of each: 0-9, A-Z, +, -, /, EARTH, 200 x 12 Digit Carriers, 100 x 7 Digit Carriers.



PART NO.	DESCRIPTION	PRICE
C71-3656	K-TYPE BLACK ON YELLOW MARKER KIT	197.85

CRITCHLEY CARRIER BARS

Ideal for identifying large cables, conduit and pipes, either before or after termination.

Each carrier has slotted ends allowing fastening with cable ties up to 7.4mm wide.

Material: PVC - Self-Extinguishing to UL94V-2 Service

Temperature Range: -40°C to +70°C

Chemical Resistance: Sea water, detergents 10% aqueous, fuels, oils, white and industrial spirit.

Available in 4 lengths.



A) S83-1420 65mm Cable Marker Carrier

- Up to 7 x K65 Type Markers (5.8mm wide)
- Up to 9 x HO85 HellaermanTyton Markers (4.5mm wide)
- Length 96mm
- Width 9mm
- Supplied in a pack of 500

B) S83-1422 96mm Cable Marker Carrier

- Up to 12 x K65 Type Markers (5.8mm wide)
- Up to 15 x HO85 HellaermanTyton Markers (4.5mm wide)
- Length 96mm
- Width 9mm
- Supplied in a pack of 500

C) S83-1423 133mm Cable Marker Carrier

- Up to 18 x K65 K Type Markers (5.8mm wide)
- Up to 23 x HO85 HellaermanTyton Markers (4.5mm wide)
- Length 133mm
- Width 9mm
- Supplied in a pack of 250

D) S83-1669 168mm Cable Marker Carrier

- Up to 26 x K65 Type Markers (5.8mm wide)
- Up to 33 x HO85 HellaermanTyton Markers (4.5mm wide)
- Length 168mm
- Width 9mm
- Supplied in a pack of 250

PART NO.	DESCRIPTION	PRICE
S83-1420	A) 65MM CABLE MARKER CARRIER PK500	24.78
S83-1422	B) 96MM CABLE MARKER CARRIER PK500	44.55
S83-1423	C) 133MM CABLE MARKER CARRIER PK250	37.49
S83-1669	D) 168MM CABLE MARKER CARRIER PK250	45.38



CRITCHLEY NUMBERS

Reels of 500 numerals from 0-9 for use with cable marker carrier. Versatile marking system for cables, cable bundles and conduit. The elliptical marker profile allows easy fitting to carrier strips, and contains large characters for good legibility. Four sizes of carrier strips holding from 7 to 28 markers are also available in addition to full K-type markers kits containing numbers, letters symbols and carriers strips.

Material: PVC Service Temperature Range: -45°C to +70°C
 Chemical Resistance: Excellent resistance to sea water, detergents (10% aqueous), fuels, oils, white and industrial spirit.
 Manufacturer's Part No: K65
 Marker Type: 1361
 Cable Diameter: 4.2 - 7.0mm²
 For Cable Size: 4.0 - 10.0mm²
 Marker Length: 6.0mm
 Reel Quantity: 500

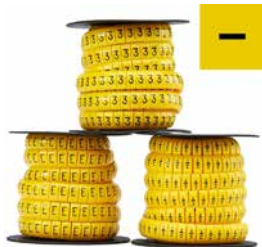


PART NO.	DESCRIPTION	PRICE
S83-3080	CRITCHLEY K-TYPE BLACK ON YELLOW 0 PK500	13.46
S83-3081	CRITCHLEY K-TYPE BLACK ON YELLOW 1 PK500	13.46
S83-3082	CRITCHLEY K-TYPE BLACK ON YELLOW 2 PK500	13.46
S83-3083	CRITCHLEY K-TYPE BLACK ON YELLOW 3 PK500	13.46
S83-3084	CRITCHLEY K-TYPE BLACK ON YELLOW 4 PK500	13.46
S83-3085	CRITCHLEY K-TYPE BLACK ON YELLOW 5 PK500	13.46
S83-3086	CRITCHLEY K-TYPE BLACK ON YELLOW 6 PK500	13.46
S83-3087	CRITCHLEY K-TYPE BLACK ON YELLOW 7 PK500	13.46
S83-3088	CRITCHLEY K-TYPE BLACK ON YELLOW 8 PK500	13.46
S83-3089	CRITCHLEY K-TYPE BLACK ON YELLOW 9 PK500	13.46

CRITCHLEY SYMBOLS

Reels of 5 popular symbols from for use with cable marker carrier. Versatile marking system for cables, cable bundles and conduit. The elliptical marker profile allows easy fitting to carrier strips, and contains large characters for good legibility. Four sizes of carrier strips holding from 7 to 28 markers are also available in addition to full K-type markers kits containing numbers, letters symbols and carriers strips.

Material: PVC Service Temperature Range: -45°C to +70°C
 Chemical Resistance: Excellent resistance to sea water, detergents (10% aqueous), fuels, oils, white and industrial spirit.
 Manufacturer's Part No: K65
 Marker Type: 1361
 Cable Diameter: 4.2 - 7.0mm²
 For Cable Size: 4.0 - 10.0mm²
 Marker Length: 6.0mm
 Reel Quantity: 500

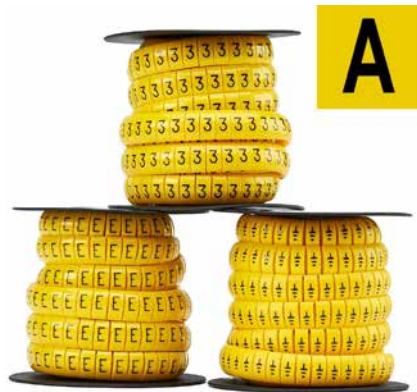


PART NO.	DESCRIPTION	PRICE
S83-3075	CRITCHLEY K-TYPE SYMBOL - PK500	13.46
S83-3076	CRITCHLEY K-TYPE SYMBOL , PK500	13.46
S83-3077	CRITCHLEY K-TYPE SYMBOL . PK500	13.46
S83-3078	CRITCHLEY K-TYPE SYMBOL / PK500	13.46
S83-3079	CRITCHLEY K-TYPE SYMBOL : PK500	13.46

CRITCHLEY K-TYPE® LETTERS A-Z

Reels of 500 alphabetical letters from A-Z for use with cable marker carrier. Versatile marking system for cables, cable bundles and conduit. The elliptical marker profile allows easy fitting to carrier strips, and contains large characters for good legibility. Four sizes of carrier strips holding from 7 to 28 markers are also available in addition to full K-type markers kits containing numbers, letters symbols and carriers strips.

Material: PVC Service Temperature Range: -45°C to +70°C
 Chemical Resistance: Excellent resistance to sea water, detergents (10% aqueous), fuels, oils, white and industrial spirit.
 Manufacturer's Part No: K65
 Marker Type: 1361
 Cable Diameter: 4.2 - 7.0mm²
 For Cable Size: 4.0 - 10.0mm²
 Marker Length: 6.0mm
 Reel Quantity: 500



PART NO.	DESCRIPTION	PRICE
S83-3090	CRITCHLEY K-TYPE BLACK ON YELLOW A PK500	13.46
S83-3091	CRITCHLEY K-TYPE BLACK ON YELLOW B PK500	13.46
S83-3092	CRITCHLEY K-TYPE BLACK ON YELLOW C PK500	13.46
S83-3093	CRITCHLEY K-TYPE BLACK ON YELLOW D PK500	13.46
S83-3094	CRITCHLEY K-TYPE BLACK ON YELLOW E PK500	13.46
S83-3095	CRITCHLEY K-TYPE BLACK ON YELLOW F PK500	13.46
S83-3096	CRITCHLEY K-TYPE BLACK ON YELLOW G PK500	13.46
S83-3097	CRITCHLEY K-TYPE BLACK ON YELLOW H PK500	13.46
S83-3098	CRITCHLEY K-TYPE BLACK ON YELLOW I PK500	13.46
S83-3099	CRITCHLEY K-TYPE BLACK ON YELLOW J PK500	13.46
S83-3100	CRITCHLEY K-TYPE BLACK ON YELLOW K PK500	13.46
S83-3101	CRITCHLEY K-TYPE BLACK ON YELLOW L PK500	13.46
S83-3102	CRITCHLEY K-TYPE BLACK ON YELLOW M PK500	13.46
S83-3103	CRITCHLEY K-TYPE BLACK ON YELLOW N PK500	13.46
S83-3104	CRITCHLEY K-TYPE BLACK ON YELLOW O PK500	13.46
S83-3105	CRITCHLEY K-TYPE BLACK ON YELLOW P PK500	13.46
S83-3106	CRITCHLEY K-TYPE BLACK ON YELLOW Q PK500	13.46
S83-3107	CRITCHLEY K-TYPE BLACK ON YELLOW R PK500	13.46
S83-3108	CRITCHLEY K-TYPE BLACK ON YELLOW S PK500	13.46
S83-3109	CRITCHLEY K-TYPE BLACK ON YELLOW T PK500	13.46
S83-3110	CRITCHLEY K-TYPE BLACK ON YELLOW U PK500	13.46
S83-3111	CRITCHLEY K-TYPE BLACK ON YELLOW V PK500	13.46
S83-3112	CRITCHLEY K-TYPE BLACK ON YELLOW W PK500	13.46
S83-3113	CRITCHLEY K-TYPE BLACK ON YELLOW X PK500	13.46
S83-3114	CRITCHLEY K-TYPE BLACK ON YELLOW Y PK500	13.46
S83-3115	CRITCHLEY K-TYPE BLACK ON YELLOW Z PK500	13.46

CONSUMABLES

COLLET PAIRS

PVC collets for multi-pair cables.
Character height 2.5mm black on yellow.
Available in 1-50, 51-100 and 101-200.



PART NO.	DESCRIPTION	PRICE
S83-2931	COLLET PAIR 1/50	37.87
S83-2932	COLLET PAIR 51/100	37.87
S83-2933	COLLET PAIR 101/200	37.87

OVALGRIP COLOUR CODED CABLE MARKERS

Colour coded Ovalgrip PVC cable markers that can be used for marking cable, conduit, switchgear etc. The markers have a specially designed profile that allows a single size to easily fit a range of cable diameters from 1.8 to 6.3mm. They can be applied directly to the cable before termination, or simply slide the markers onto a marker carrier strip and cable tie to the equipment to be marked. The Black on Yellow are popular in the telecommunication industry, with Tags Markers 1A and 2A together and Straps Cable fixing 1A (Mills S83-0904).

Black on White Labels Supplied in reels of 1000.

Black on Yellow Labels Supplied in reels of 1000.



For Tag Markers & Straps Cable Fixing, see page 250 & 251.

Critchley Carrier Bars shown are designed to be used with the Oval Label Markers (HO85) and are available in 4 lengths, as follows;

A) S83-1420 65mm Cable Marker Carrier
Up to 9 x HO85 HellemanTyton Markers (4.5mm wide)

B) S83-1422 96mm Cable Marker Carrier
Up to 15 x HO85 HellemanTyton Markers (4.5mm wide)

C) S83-1423 133mm Cable Marker Carrier
Up to 23 x HO85 HellemanTyton Markers (4.5mm wide)

D) S83-1669 168mm Cable Marker Carrier
Up to 33 x HO85 HellemanTyton Markers (4.5mm wide)

For further details see page 254 & 255.

**COLOURED CHARACTER OVAL MARKER (QTY 1000)**

PART NO.	TYPE	PRICE	PART NO.	TYPE	PRICE
S83-1649	-	13.10	S83-1655	'3'	13.10
S83-1650	/	13.10	S83-1656	'5'	13.10
S83-1651	.	13.10	S83-1657	'6'	13.10
S83-1652	'0'	13.10	S83-1658	'7'	13.10
S83-1653	'1'	13.10	S83-1659	'8'	13.10
S83-1654	'2'	13.10	S83-1661	'9'	13.10

BLACK ON WHITE OVAL MARKER (QTY 100)

PART NO.	TYPE	PRICE	PART NO.	TYPE	PRICE
S83-2942	'0'	4.38	S83-2960	'I'	4.38
S83-2943	'1'	4.38	S83-2961	'J'	4.38
S83-2944	'2'	4.38	S83-2962	'K'	4.38
S83-2945	'3'	4.38	S83-2963	'L'	4.38
S83-2946	'4'	4.38	S83-2964	'M'	4.38
S83-2947	'5'	4.38	S83-2965	'N'	4.38
S83-2948	'6'	4.38	S83-2966	'O'	4.38
S83-2949	'7'	4.38	S83-2967	'P'	4.38
S83-2950	'8'	4.38	S83-2968	'Q'	4.38
S83-2951	'9'	4.38	S83-2969	'R'	4.38
S83-2952	'A'	4.38	S83-2970	'S'	4.38
S83-2953	'B'	4.38	S83-2971	'T'	4.38
S83-2954	'C'	4.38	S83-2972	'U'	4.38
S83-2955	'D'	4.38	S83-2973	'V'	4.38
S83-2956	'E'	4.38	S83-2974	'W'	4.38
S83-2957	'F'	4.38	S83-2975	'X'	4.38
S83-2958	'G'	4.38	S83-2976	'Y'	4.38
S83-2959	'H'	4.38	S83-2977	'Z'	4.38

BLACK ON YELLOW OVAL MARKER (QTY 1000)

PART NO.	TYPE	PRICE	PART NO.	TYPE	PRICE
S83-3127	'0'	13.10	S83-3145	'I'	13.10
S83-3128	'1'	13.10	S83-3146	'J'	13.10
S83-3129	'2'	13.10	S83-3147	'K'	13.10
S83-3130	'3'	13.10	S83-3148	'L'	13.10
S83-3131	'4'	13.10	S83-3149	'M'	13.10
S83-3132	'5'	13.10	S83-3150	'N'	13.10
S83-3133	'6'	13.10	S83-3151	'O'	13.10
S83-3134	'7'	13.10	S83-3152	'P'	13.10
S83-3135	'8'	13.10	S83-3153	'Q'	13.10
S83-3136	'9'	13.10	S83-3154	'R'	13.10
S83-3137	'A'	13.10	S83-3155	'S'	13.10
S83-3138	'B'	13.10	S83-3156	'T'	13.10
S83-3139	'C'	13.10	S83-3157	'U'	13.10
S83-3140	'D'	13.10	S83-3158	'V'	13.10
S83-3141	'E'	13.10	S83-3159	'W'	13.10
S83-3142	'F'	13.10	S83-3160	'X'	13.10
S83-3143	'G'	13.10	S83-3161	'Y'	13.10
S83-3144	'H'	13.10	S83-3162	'Z'	13.10

PAINT MARKING APPLICATOR

Spray Paint Applicator available in 2 or 4 Wheel Versions designed for use with temporary marking paint facilitating trigger controlled line marking.

The applicator is easy to set up and use, and is fully adjustable to allow 2 to 3 inch adjustment in line and fits most sizes of line marking aerosols (600ml – 750ml).

The applicator uses a thumb push trigger for ease of application. It can be used to make spraying lines much easier.



PART NO.	DESCRIPTION	PRICE
S83-2924	A) 2 WHEEL PAINT MARKING APPLICATOR	96.94
S83-2925	B) 4 WHEEL PAINT MARKING APPLICATOR	78.47

MARKER PENS**A) Pen Marker No.1**

Permanent waterproof black marker pen for most surfaces with 0.6mm fine nib thickness providing smudge proof and waterproof qualities on almost all surfaces. Low odour ink and can be left uncapped for days without drying up. Ref: 129408.

**B) Pen Marker No.2**

Permanent waterproof gold marker pen for most surfaces with 1.2mm fine nib thickness providing smudge proof and waterproof qualities on almost all surfaces. Low odour ink and can be left uncapped for days without drying up. Ref: 129392.

**C) Sharpie Twin-Tip Marker**

Permanent marker suitable for use on most hard surfaces. Features a standard durable fibre tip on one end and a ultra-fine tip on the other. Ink colour: Black. Available in twin pack or packet of 12.

**D) Sharpie fine point retractable permanent marker**

Easy one-handed operation with no cap to remove or lose. Ultra Fine point for precise marking and writing. Ink Colour: Black. Available in a Packet of 12.



PART NO.	DESCRIPTION	PRICE
S83-0948	A) PEN MARKER NO.1	1.16
S83-0960	B) PEN MARKER NO.2	3.64
C71-6895	C) TWIN TIP FINE & ULTRA FINE X2 BLACK	4.27
C71-9820	C) TWIN TIP FINE & ULTRA FINE X12 BLACK	20.37
C71-9826	D) RETRACTABLE FINE TIP X12 BLACK	18.00

PAINT MARKING TEMPORARY

Speedline non-permanent survey spray is a highly visible, semi-durable marking paint suitable for application to a wide variety of substrates.

- Plasticised paint, formulated for aerosol application
- Suitable for indoor and outdoor marking
- Easily applied by means of a 2 (S83-2924) or 4 (S83-2925) wheeled applicator
- Speedline aerosols are ozone-friendly (no CFCs)
- Dense, quick drying colours
- Resists all but most severe chemical/mechanical erasure
- Available in Yellow, White, Green, Red or Blue.



PART NO.	DESCRIPTION	PRICE
S83-2918	A) TEMPORARY MARKING PAINT YELLOW	3.77
S83-2919	B) TEMPORARY MARKING PAINT WHITE	3.77
S83-4801	C) TEMPORARY PAINT MARKING GREEN	3.77
S83-1397	D) TEMPORARY MARKING PAINT 750ML RED	3.77
S83-1398	E) TEMPORARY MARKING PAINT 750ML BLUE	3.77

DYMO XTL 300 24MM LABEL PRINTER KIT

Tired of complicated labelers? Simplify labeling with the DYMO® XTL™ 300. A life-like on screen print preview and built-in label applications help save time on the job. Prints labels from 1/4" (6 mm) up to 1" (24 mm), including heat-shrink tubes, barcode and pre-sized labels.

- Life-like on screen print preview and colour display shows exactly how labels will look when applied to cables, pipes, panels, and more
- Prints 1/4" (6 mm) up to 1" (24 mm) durable labels including continuous length tape, laminated wire/cable wraps, heat-shrink tubes and pre-sized labels
- Built-in label applications make getting started from the home screen easy
- Pre-set layouts for almost 100 patch panel models eliminate size and spacing guesswork
- Durable built-in cutter for fast label production
- PC-connectivity and free DYMO ID software for easy transfer of labels to and from the XTL 300 for jobsite editing and printing
- Maximized print area helps reduce label waste

**Kit contents:**

- DYMO XTL™ 300 Label Maker
- AC Charging Adapter
- Carrying Case
- Rechargeable Lithium Polymer Battery
- 24 mm x 7m All-Purpose Vinyl, Black on White Cartridge
- 21 x 39mm in Laminated Wire / Cable Wrap, Black on White, 150 labels
- USB Cable
- Lanyard
- Quick Start Guide
- Software Download Card



PART NO.	DESCRIPTION	PRICE
C00-6596	DYMO XTL 300 LABEL PRINTER KIT	229.95

DYMO XTL 500 TOUCHSCREEN 54MM LABEL PRINTER KIT

End frustration and simplify labeling with the DYMO® XTL™ 500. A life-like on screen print preview shows exactly how labels will look, while a colour touch screen and built-in label applications make getting started easy. Prints labels from 1/4" (6mm) up to 2" (54mm) wide, including heat-shrink tubes, barcode and pre-sized labels.

- Life-like on screen print preview and colour display shows exactly how labels will look when applied to cables, pipes, panels, and more
- Touchscreen helps make label creation easier and faster
- Prints 1/4" (6 mm) up to 2" (54 mm) durable labels including continuous length tape, laminated wire/cable wraps, heat-shrink tubes and pre-sized labels
- Built-in label applications make getting started from the home screen easy
- Pre-set layouts for almost 100 patch panel models eliminate size and spacing guesswork
- Durable built-in cutter for fast label production
- PC-connectivity and free DYMO ID software for easy transfer of labels to and from the XTL 300 for jobsite editing and printing
- Maximized print area helps reduce label waste

**Kit contents:**

- DYMO XTL™ 500 Label Maker
- AC Charging Adapter
- Carrying Case
- Rechargeable Lithium Polymer Battery
- 54 mm x 7m All-Purpose Vinyl, Black on White Cartridge
- 38 x 39mm in Laminated Wire / Cable Wrap, Black on White, 150 labels
- USB Cable
- Quick Start Guide

PART NO.	DESCRIPTION	PRICE
C28-6587	DYMO XTL 500 LABEL PRINTER KIT	386.50



DYMO XTL FLEXIBLE CABLE WRAP

For labeling wires, cables and rounded surfaces. Constructed of durable, flexible nylon material designed to conform and stick. Tear-proof material resists damage when pulled through tight spaces or conduits. White tape with black print. Length 5.5m. For internal use only.



PART NO.	DESCRIPTION	PRICE
C00-6658	BLACK ON WHITE FLEXIBLE CABLE WRAP 12MM	19.34
C00-6659	BLACK ON WHITE FLEXIBLE CABLE WRAP 19MM	20.66
C00-6660	BLACK ON WHITE FLEXIBLE CABLE WRAP 24MM	24.64

DYMO XTL PERMANENT FLAT SURFACE

Permanent Flat Surface labels have a glossy finish that leaves your work looking professional. Constructed of polyester material and coated with industrial-grade adhesive.

Available in 6, 9 & 12mm wide. 9.1m in length. White tape with black print. Suitable for internal and external use.



PART NO.	DESCRIPTION	PRICE
C00-6645	PERMANENT FLAT SURFACE 6MM	20.22
C00-6646	PERMANENT FLAT SURFACE 9MM	22.59
C00-6647	PERMANENT FLAT SURFACE 12MM	26.91

DYMO XTL LAMINATED WIRE AND CABLE WRAPS

Black print on white tape available in three sizes: 21 x 21mm, 21 x 39mm & 38 x 39mm (38 x 39mm suitable for XTL500 only). White tape with black print.

- Pre-sized wire/cable wraps with laminated overwrap protect printed areas from oil, chemicals, moisture, abrasion and fading.
- For internal use only.

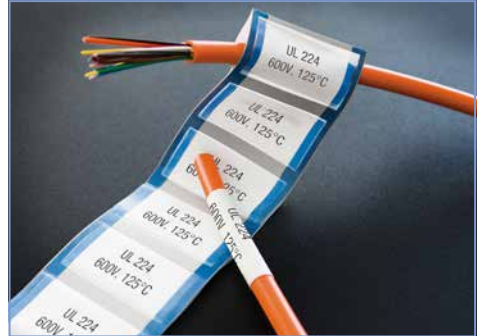


PART NO.	DESCRIPTION	PRICE
C00-6642	LAMINATED CABLE WRAP 21 X 21MM (250 LABELS)	25.95
C00-6643	LAMINATED CABLE WRAP 21 X 39MM (150 LABELS)	16.25
C00-6644	LAMINATED CABLE WRAP 38 X 39MM (150 LABELS)	23.31

DYMO XTL HEAT-SHRINK TUBE CONTINUOUS

Dymo XTL label makers print directly on to continuous or pre-sized Heat-Shrink Tubes.

Heat-Shrink Tubes provide insulation when shrunk down and ensure a secure fit on wires and cables with a 3:1 shrink ratio. Available in 6mm, 12mm, & 24mm widths. Suitable for internal use only.



PART NO.	DESCRIPTION	PRICE
C00-6661	BLACK PRINT ON WHITE HEAT-SHRINK TUBE 6MM	38.10
C00-6662	BLACK PRINT ON WHITE HEAT-SHRINK TUBE 12MM	43.82
C00-6663	BLACK PRINT ON WHITE HEAT-SHRINK TUBE 24MM	32.11

DYMO XTL ALL PURPOSE VINYL TAPE

From textured surfaces to cables, vinyl labels are ideal for almost any labeling application.

Vinyl offers moisture, chemical and UV resistance, making it ideal for labeling both indoors and outdoors.

Available 12, 19, 24 & 54mm widths. (54mm suitable for XTL500 only)

Length: 7m.

Black text.



WIDTH	WHITE	YELLOW	PRICE
12MM	C00-6648	C00-6653	18.04
19MM	C00-6649	C00-6654	20.22
24MM	C00-6650	C00-6655	25.95
41MM	C00-6651	C00-6656	27.25
54MM	C00-6652	C00-6657	35.16

RHINO 4200 LABEL PRINTER

The Rhino 4200 is a compact, easy to use, time-saving, and economical general purpose labelling tool. It gets labelling jobs done fast – and done right. Easily navigate the familiar QWERTY keypad. Use one-touch “Hot Key” shortcuts to quickly create and format wire/cable wraps, flags, fixed-length labels and more. Print labels up to 19mm wide in a variety of materials and colours – PLUS print directly on heat-shrink tubes.

- Familiar computer-style QWERTY keyboard for fast and easy text entry
- Patented “Hot Keys” provide shortcuts for creating and formatting wire/cable wraps, flags, Barcode 39 and Barcode 128, fixed-length, general and module labels
- Print 6mm, 9mm, 12mm and 19mm wide industrial-strength labels in a variety of materials and colours – PLUS print directly on heat-shrink tubes
- “Favorites” key provides single-key access to your most commonly used labels, symbols and terms
- Avoid repeated steps with the “Custom” key – customize and save settings for individual label formats
- Pre-programmed library with 150 symbols and terms for security, electrical, pro A/V, and facilities management
- Integrated rubber bumpers help prevent damage from accidental drops and falls
- Large back-lit display is easy to read, even in dimly-lit work areas
- Auto save/auto power-off – extend battery life without losing current work
- Runs on 6 AA batteries (not included) – also compatible with quick-charging Lithium-ion battery (included with kit version or sold as an accessory – call sales for details).

Available in Two packages:

RHINO 4200 Kit Case:

- Rhino 4200 Label Printer
- Carry case
- Lithium-ion rechargeable battery
- AC adaptor/charger
- 12 mm white vinyl label cartridge
- Quick Reference Guide

RHINO 4200 Label Printer Only:

- Rhino 4200 printer
- 12mm white vinyl cartridge
- Quick reference guide



NEW!

SEE OPPOSITE PAGE FOR LABELS



PART NO.	DESCRIPTION	PRICE
C28-4904	RHINO 4200 LABELLING PRINTER KIT CASE	93.38
C28-2869	RHINO 4200 LABELLING PRINTER ONLY	85.53

RHINO 5200 LABEL PRINTER & HARD CASE KIT

The RHINO 5200 meets all ANSI, TIA/EIA-606-A labelling standards.

Runs on 6 AA batteries (not included) – also compatible with quick-charging Lithium-ion battery (included with kit version or sold as an accessory – call sales for details). The RHINO 5200 also features a battery-life indicator and auto-shut-off to maximize battery life.

The portable, affordable Rhino 5200 is the ideal label printer for datacomm, electrical, audio/visual, security, MRO, construction and broadcast professionals. It's the perfect labelling tool for work in real-world jobsite conditions.

Available in two packages:

RHINO 5200 Hard Case Kit

- Rhino 5200 Label Printer
- Durable, construction-quality carrying case
- One 19mm white vinyl cartridge (best for wrap applications)
- One 12mm white vinyl cartridge (best for panel applications)
- Lithium-ion battery
- AC adaptor
- Quick Reference Guide

RHINO 5200 Label Printer Only

- Rhino 5200 printer
- User Manual
- Quick reference guide
- 9mm white flexible nylon tape



SEE OPPOSITE PAGE FOR LABELS



PART NO.	DESCRIPTION	PRICE
C28-1235	RHINO 5200 PRINTER HARD CASE KIT	158.64
C28-1236	RHINO 5200 PRINTER ONLY	121.09



PERMANENT POLYESTER TAPES

Available in 6, 9, 12, 19 & 24mm wide, 5.5m in length, colour, white and metallic and now clear 9mm wide. **Suitable for outside use.**



PART NO.	DESCRIPTION	PRICE
C28-3912	WHITE POLYESTER 6MM	11.54
C28-7703	WHITE POLYESTER 9MM	13.11
C28-7704	WHITE POLYESTER 12MM	14.09
C28-7705	WHITE POLYESTER 19MM	14.64
C28-4032	WHITE POLYESTER 24MM	16.96
C28-3913	METAL POLYESTER 6MM	11.54
C28-7706	METAL POLYESTER 9MM	13.19
C28-7707	METAL POLYESTER 12MM	14.18
C28-7708	METAL POLYESTER 19MM	14.64
C28-7965	CLEAR POLYESTER 9MM	13.19
C28-3915	CLEAR POLYESTER 12MM	14.09
C28-3916	CLEAR POLYESTER 19MM	14.64

FLEXIBLE NYLON TAPES

Available in 12, 19 and 24mm wide - 3.5m Length - Colour White and Yellow - Ideal for Cable Marking. **Not recommended for outside use.**



PART NO.	DESCRIPTION	PRICE
C28-7710	WHITE NYLON 12MM	14.75
C28-7711	WHITE NYLON 19MM	16.30
C28-3922	WHITE NYLON 24MM	17.32
C28-7712	YELLOW NYLON 12MM	14.75
C28-7713	YELLOW NYLON 19MM	16.30
C28-3921	YELLOW NYLON 24MM	17.32

HEAT-SHRINK TUBE

A non-adhesive yet permanent polyolefin heat shrink tube to identify and protect wires and cables. The tubing meets MIL-DTL-23053/5 classes 1 & 3. The flame retardant tubes have a shrink ratio of 3:1 and are available in yellow and white in widths of 6, 9, 12, 19 and 24mm.

Tapes are 1.5M long.



Recommended Cable Diameters

Tube size (mm)	Min Diam (mm)	Max Diam (mm)
6	1.18	2.33
9	1.73	3.73
12	2.97	5.13
19	4.64	8.70

PART NO.	DESCRIPTION	PRICE
C28-8070	WHITE HEAT-SHRINK TUBE 6MM	19.05
C28-8071	WHITE HEAT-SHRINK TUBE 9MM	21.91
C28-8072	WHITE HEAT-SHRINK TUBE 12MM	21.95
C28-8073	WHITE HEAT-SHRINK TUBE 19MM	24.52
C28-3919	WHITE HEAT-SHRINK TUBE 24MM	27.91
C28-8074	YELLOW HEAT-SHRINK TUBE 6MM	20.41
C28-8075	YELLOW HEAT-SHRINK TUBE 9MM	21.91
C28-8076	YELLOW HEAT-SHRINK TUBE 12MM	23.56
C28-8077	YELLOW HEAT-SHRINK TUBE 19MM	24.40
C28-3920	YELLOW HEAT-SHRINK TUBE 24MM	27.74

COLOURED VINYL TAPE

Available 9, 12, 19 and 24mm wide - 5.5m in Length.

This coloured Vinyl Tape is formulated with a permanent acrylic adhesive and a topcoat specifically for thermal transfer printing.

Coloured Vinyl Tape is mainly used for general labelling (patch panels, electrical panels, datacom racks, etc.) and asset labelling.



Rhino label external cassettes are made from 100% recycled materials and their packaging is made from 80% recycled materials.



Suitable for outdoor usage.



BLACK TEXT

WIDTH	WHITE	YELLOW	ORANGE	PRICE
9MM	C28-7962	N/A	N/A	13.11
12MM	C28-7963	C28-7951	C28-7954	13.65
19MM	C28-7964	C28-7952	C28-7955	14.63
24MM	C28-3925	C28-3926	C28-3927	17.36

SELF-LAMINATING VINYL

Protect your printed area from exposure (to oil, solvents, water and abrasion). Ideal for wire and cable marking.



PART NO.	DESCRIPTION	PRICE
C28-0491	WHITE SELF-LAMINATING VINYL 24MM	16.95

CONSUMABLES

BROTHER PT-E110VP LABEL PRINTER

Create labels in various colour combinations and widths that have been tested in extreme conditions to make sure they stick around for a long time. With dedicated functions and smart keys to make common labelling tasks quick and easy, and everything supplied in a hard carry case. The PT-E110VP is an invaluable tool for electricians and other professional trades.

Key Features:

- Create durable labels up to 12mm in width
- Dedicated functions for common labelling tasks
- 200 symbols including electrician, audio visual and Network Infrastructure
- Built-in cutter for accurate labelling
- Includes AC adapter, full length 8m flexi id black on white tape cassette and handy carry case



PART NO.	DESCRIPTION	PRICE
C92-4950	BROTHER PT-E110VP LABEL PRINTER	54.70

BROTHER PT-E550WVP ELECTRICIAN'S HANDHELD LABEL PRINTER

With this smart and efficient label printer at your side, you can create durable labels for electrical or datacom installations through built-in labelling functions, PC software, or from your smartphone or tablet with the Brother cable labelling app.

Key Features:

- Prints hard-wearing labels up to 24mm wide
- Up to 30mm per second print speed + 7 lines of print
- QWERTY style keyboard + 16 character, 3-line backlit LCD screen
- Heat shrink tube labels compatible + 384 symbols available
- Automatic (full and half) cutter
- Comes with carry case, wrist strap, USB cable, 24mm and 12mm tape, and rechargeable lithium-ion battery



PART NO.	DESCRIPTION	PRICE
C92-5886	PT-E550WVP ELECTRICIAN'S HANDHELD LABEL PRINTER	164.75

BROTHER PT-E550WVPNI NETWORK INFRASTRUCTURE LABEL PRINTER

When it comes to network infrastructure labelling, don't leave it to chance, leave it to a Brother label printer. You'll be able to produce clear, durable laminated labels instantly on-site, helping you to achieve a professional and best practice finish every time.

Create labels for network cables and patch panels on-demand with this Wi-Fi enabled label printer. Use stand-alone, or with one of the smartphone apps available to streamline your cable labelling processes.

Key Features:

- Dedicated functions for cable labelling perfect for outlet points, cable pathways, server cabinets and more
- Range of free mobile/tablet apps that let you print industry ready labels and even connect to your Fluke Networks Linkware Live account
- PC connectivity makes professional label design and database transfer easy
- Advanced cutter for easy-to-peel labels
- Includes 2 tape cassettes, AC adapter, lithium-ion battery, USB cable and carry case
- Prints 3.5, 6, 9, 12, 18 and 24mm labels



PART NO.	DESCRIPTION	PRICE
C92-3588	BROTHER PT-E550WVPNI NETWORK INFRASTRUCTURE LABEL PRINTER	189.00

STANDARD TZE LAMINATED TAPES

Suitable for heavy industrial use, retail and office environments and ideal for labelling patch panels, modules, wall outlets. Can be used on cables and conduit for flagging or wrapping - however the Flexible ID FZE-FX tapes are recommended for such applications.

8m length and available in four sizes and four colours.



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at your side



WIDTH	WHITE	YELLOW	RED	CLEAR	PRICE
9MM	C92-4947	C92-4955	C92-4958	C92-4961	11.12
12MM	C92-4948	C92-4956	C92-4959	C92-4962	12.26
18MM	C92-4949	C92-4957	C92-4960	C92-4963	15.97
24MM	C92-3605	C92-3606	-	-	26.00

STRONG ADHESIVE TAPE

Compatible with a wide range of Brother's P-touch printers, this laminated TZe-S231 labelling tape cassette is especially versatile thanks to its easy-to-read black and white colour - so it comes in useful around the home, office and in other workplaces.

Key Features:

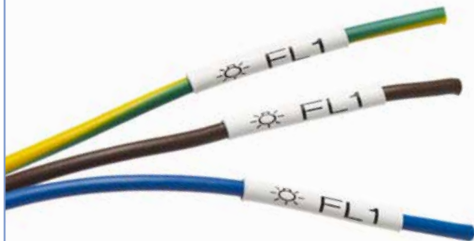
- 12mm wide, 8m long
- High quality genuine Brother cassette
- Ensure durable, easily readable results



PART NO.	DESCRIPTION	PRICE
C92-3589	12MM BLACK ON WHITE STRONG ADHESIVE TAPE	19.99
C92-3592	12MM BLACK ON YELLOW STRONG ADHESIVE TAPE	19.99
C92-3593	12MM BLACK ON CLEAR STRONG ADHESIVE TAPE	18.29
C92-3594	18MM BLACK ON WHITE STRONG ADHESIVE TAPE	23.29
C92-3595	18MM BLACK ON YELLOW STRONG ADHESIVE TAPE	23.29
C92-3596	18MM BLACK ON CLEAR STRONG ADHESIVE TAPE	21.49
C92-3597	24MM BLACK ON WHITE STRONG ADHESIVE TAPE	26.39
C92-3598	24MM BLACK ON YELLOW STRONG ADHESIVE TAPE	26.39
C92-3601	24MM BLACK ON CLEAR STRONG ADHESIVE TAPE	24.69

HEATSHRINK TUBES

Ideal as a tamper evident method of cable identification as the label is not easy to remove. Black on White.



For marking of patch leads and cables. 1.5m length available in five popular sizes:

- 5.8mm for 1.7 - 3.2mm cable.
- 8.8mm for 2.6 - 5.1mm cable.
- 11.7mm for 3.6 - 7mm cable.
- 17.7mm for 5.4 - 10.6mm cable.
- 23.6mm for 7.3 - 14.3mm cable.

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PART NO.	DESCRIPTION	PRICE
C92-4951	A) BLACK ON WHITE HEAT SHRINK TUBE - 5.8MM	33.66
C92-4952	B) BLACK ON WHITE HEAT SHRINK TUBE - 8.8MM	34.63
C92-4953	C) BLACK ON WHITE HEAT SHRINK TUBE - 11.7MM	40.12
C92-4954	D) BLACK ON WHITE HEAT SHRINK TUBE - 17.7MM	43.21
C92-3602	E) BLACK ON WHITE HEAT SHRINK TUBE - 23.6MM	45.72

FLEXIBLE ID FZE/FX TAPES

Ideal for curved surfaces such as cables, pipes and conduits, these labels can be flagged or wrapped. 8m length and available in black on white and black on yellow in three sizes.

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WIDTH	WHITE	YELLOW	PRICE
9MM	C92-4964	C92-4967	12.57
12MM	C92-4965	C92-4968	13.80
18MM	C92-4966	C92-4969	17.30

COUNTERSUNK AND ROUNDHEAD POZI DRIVE™ WOODSCREWS

Pozi Drive™ Wood screws.
Supplied in Boxes of 200.



PART NO.	DESCRIPTION	PRICE
A) COUNTERSUNK POZI DRIVE™ WOODSCREWS		
R07-2224	NO.8 X 3/4" COUNTERSUNK POZI™ PKT 200	1.48
R07-2225	NO.8 X 1" COUNTERSUNK POZI™ PKT 200	1.95
R07-2226	NO.8 X 1 1/4" COUNTERSUNK POZI™ PKT 200	2.27
R07-2227	NO.8 X 1 1/2" COUNTERSUNK POZI™ PKT 200	2.48
R07-2229	NO.8 X 2" COUNTERSUNK POZI™ PKT 200	3.30
R07-2230	NO.10 X 3/4" COUNTERSUNK POZI™ PKT 200	2.34
R07-2231	NO.10X 1" COUNTERSUNK POZI™ PKT 200	2.64
R07-2232	NO.10 X 1 1/4" COUNTERSUNK POZI™ PKT 200	2.73
R07-2233	NO.10 X 1 1/2" COUNTERSUNK POZI™ PKT 200	3.49
R07-2234	NO.10X 2" COUNTERSUNK POZI™ PKT 200	3.96
S83-0859	NO.12X 1" COUNTERSUNK POZI™ PKT 200	3.86
S83-2927	NO.12X 1 1/2" COUNTERSUNK POZI™ PKT 200	5.22
S83-2928	NO.12X 2" COUNTERSUNK POZI™ PKT 200	8.55
R02-1662	NO.12 X 2 1/2" COUNTERSUNK POZI WOOD SCREW PK 200	9.01
S83-1823	NO 12 X 3" COUNTERSUNK POZI WOOD SCREW PK 200	9.23
B) PANHEAD POZI DRIVE™ WOODSCREWS		
R07-2235	NO.8 X 3/4" PANHEAD POZI™ PKT 200	1.92
R07-2236	NO.8 X 1" PANHEAD POZI™ PKT 200	3.15
R07-2237	NO.8 X 1 1/4" PANHEAD POZI™ PKT 200	3.35
R07-2238	NO.8 X 1 1/2" PANHEAD POZI™ PKT 200	3.86
R07-1747	NO.12 X 1" PANHEAD POZI WOOD SCREW PK 200	10.22
R07-1748	NO.12 X 1.1/2" PANHEAD POZI WOOD SCREW PK 200	13.89
R07-1749	NO.12 X 2" PANHEAD POZI WOOD SCREW PK 200	14.83

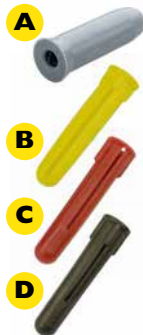
WALL PIN PLUGS

A) Wall Pin Plugs 5.5mm x 20mm for cable clips / nails. The pin plug provides the ideal fixing in situations, where the substrate is too hard to take a masonry nail or cable clip. Supplied in a box 100.

B) These yellow plugs are moulded with protruding side fins which restrict rotation. The fixings require a 5mm drill and are suitable for screw sizes No 6 - No 8 - Ref: 073142 Supplied in a box 100.

C) These red plugs are moulded with protruding side fins which restrict rotation. The fixings require a 5.5mm drill and are suitable for screw sizes No 8 - No 10. Ref: 070882. Supplied in a box 100.

D) These brown plugs are moulded with protruding side fins which restrict rotation. The fixings require a 7mm drill and are suitable for screw sizes No 10 - No 14 Ref: 070883 Supplied in a box 100.



PART NO.	DESCRIPTION	PRICE
R02-1393	A) WALL PIN PLUGS PK 100	2.83
R02-2221	B) 5.0MM YELLOW EXPANSION PLUGS PK 100	0.76
R02-2222	C) 5.5MM RED EXPANSION PLUGS PK 100	0.85
R02-2223	D) 7.0MM BROWN EXPANSION PLUGS PK 100	1.00

COUNTERSUNK AND PANHEAD POZI DRIVE™ SELF TAPPING SCREWS



PART NO.	DESCRIPTION	PRICE
A) COUNTERSUNK POZI™ DRIVE SELF-TAPPING SCREWS PKT 200		
R07-2213	NO.8 X 3/4" C/TERSUNK POZI™ SELF-TAPPING	2.00
R07-2214	NO.8 X 1" C/TERSUNK POZI™ SELF-TAPPING	2.39
R07-2215	NO.8 X 1 1/4" C/TERSUNK POZI™ SELF-TAPPING	2.73
R07-2216	NO.8 X 1 1/2" C/TERSUNK POZI™ SELF-TAPPING	3.49
B) PANHEAD POZI™ DRIVE SELF-TAPPING SCREWS PKT 200		
R07-2217	NO.8 X 3/4" PANHEAD POZI™ SELF-TAP.	2.01
R07-2218	NO.8 X 1" PANHEAD POZI™ SELF-TAP.	3.27
R07-2219	NO.8 X 1 1/4" PANHEAD POZI™ SELF-TAP.	3.55
R07-2220	NO.8 X 1 1/2" PANHEAD POZI™ SELF-TAP.	3.76

DRYWALL SCREWS PKT 100

Countersunk Phillips drywall screws are ideal for fastening dry lining and plasterboard to studwork. These screws have a twin thread and sharp point for fast installation and benefit from a black phosphate finish for durability.



PART NO.	DESCRIPTION	PRICE
R02-2210	25MM DRYWALL SCREW PKT 100	8.55
R02-2211	32MM DRYWALL SCREW PKT 100	6.61
R02-2212	38MM DRYWALL SCREW PKT 100	12.36

DEWALT WALL DOG MULTIPURPOSE COUNTERSUNK SELF-TAPPING SCREWS

All-steel fixing that can be used in most base materials including concrete requiring no plastic plugs. No pre-drilling required in wood or plasterboard. Suitable for installing fire clips, consumer units, back boxes, conduit, trunking and smoke alarms.

No Plastic Plugs Required.

Available in 32mm length, White or Chrome coloured head and countersunk or panhead. Supplied in Pkt of 100.



PART NO.	DESCRIPTION	PRICE
R02-1602	COUNTERSUNK SELF-TAPPING SCREWS 32MM WHITE PK 100	7.94
R02-1603	COUNTERSUNK SELF-TAPPING SCREWS 32MM CHROME PK 100	7.94
R02-1606	PANHEAD SELF-TAPPING SCREWS 32MM WHITE PK 100	7.94
R02-1607	PANHEAD SELF-TAPPING SCREWS 32MM CHROME PK 100	7.94

PLASTERBOARD SCREW 32MM SIZE I PK100

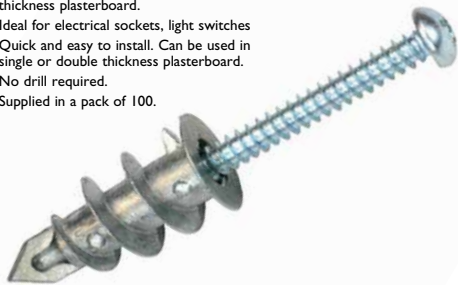
Quick and easy to install. 32mm long and can be used in single or double thickness plasterboard.

Ideal for electrical sockets, light switches

Quick and easy to install. Can be used in single or double thickness plasterboard.

No drill required.

Supplied in a pack of 100.



PART NO.	DESCRIPTION	PRICE
R02-2257	PLASTERBOARD SCREW 32MM SIZE I PK100	12.96

CAVITY WALL SCREWS

One piece steel fixing with screw. Anti-rotation teeth pierce plasterboard to ensure firm anchorage.

Suitable for use in most types of hollow walls, fibreboard, plasterboard and partitions.

Available in two sizes and supplied in Pkt 50.

Size 1 - Grip Range 6 - 13mm

Size 2 - Grip Range 16 - 32mm



PART NO.	DESCRIPTION	PRICE
R02-2258	SIZE 1 - GRIP RANGE 6 - 13MM PKT 50	14.24
R02-2259	SIZE 2 - GRIP RANGE 16 - 32MM PKT 50	20.31

BOSCH DRILL DRIVERS

PAGES 201 TO 203



LOOSE BOLT ANCHORS

Traditional zinc plated torque controlled expansion anchor for installation of racking, hand rails, barriers and storage systems. Three piece segmented body. Captive expansion cone. Supplied individually.



PART NO.	SIZE	LENGTH	MAX FITTING THICKNESS	DRILL SIZE	PKT SIZE	PRICE
R02-2249	M6	55MM	10MM	10MM	1	0.65
R02-2250	M8	65MM	10MM	14MM	1	0.81
R02-2251	M10	75MM	10MM	16MM	1	1.09
S83-2869	M10	85MM	25MM	16MM	20	6.95
R02-2252	M10	90MM	25MM	16MM	1	1.14

PROJECTION BOLTS

General purpose anchor bolt with projecting stud to support fixture during installation and removal. Excellent tolerance to variation in hole size.



PART NUMBER	SIZE	LENGTH	MAX FITTING THICKNESS	DRILL SIZE	PKT SIZE	PRICE
S83-1854	M6	55MM	10MM	10MM	20	19.95
R02-2253	M6	55MM	10MM	10MM	1	0.58
R02-2254	M8	65MM	15MM	14MM	1	0.75
R02-2255	M10	75MM	10MM	16MM	1	1.35
S83-1773	M10	90MM	30MM	16MM	25	19.90

ECONOMY FULL NUTS

The name full nut refers to a standard hexagon nut.

They are the most common type of nut and are available in M6, M8 and M10. Supplied in Pkt 100.



PART NO.	DESCRIPTION	PRICE
R02-2240	ECONOMY M6 FULL NUT PKT 100	1.14
R02-2241	ECONOMY M8 FULL NUT PKT 100	1.55
R02-2242	ECONOMY M10 FULL NUT PKT 100	2.62

ECONOMY WASHERS

Washers are small, usually flat metal components that are most commonly used alongside a nut and bolt and are used to spread the load applied by the head of the nut or the bolt over a wider area.

M6, M8 and M10. Supplied in Pkt 100.



PART NO.	DESCRIPTION	PRICE
R02-2243	ECONOMY M6 X 25MM WASHER PKT 100	2.30
R02-2244	ECONOMY M8 X 25MM WASHER PKT 100	2.25
R02-2245	ECONOMY M10 X 25MM WASHER PKT 100	2.70

ECONOMY STUDDING (THREADED ROD)

Threaded Rod or studding, manufactured from mild steel and supplied in 3 metre lengths - available in M6, M8 and M10.



PART NO.	DESCRIPTION	PRICE
R02-2246	ECONOMY M6 STUDDING 3M LENGTH	2.03
R02-2247	ECONOMY M8 STUDDING 3M LENGTH	2.50
R02-2248	ECONOMY M10 STUDDING 3M LENGTH	3.93

ECONOMY ROOFING NUTS AND BOLTS

M6 Steel Roofing Nuts and Bolts in 3 Sizes;

M6 x 12mm Length
M6 x 20mm Length
M6 x 25mm Length



PART NO.	DESCRIPTION	PRICE
R02-2265	ECONOMY M6 X 12MM NUTS & BOLTS (PKT 100)	4.64
R02-2266	ECONOMY M6 X 20MM NUTS & BOLTS (PKT 100)	5.67
R02-2267	ECONOMY M6 X 25MM NUTS & BOLTS (PKT 100)	6.70

A) EYEBOLT EXPANDING 1A

A dropwire fixing consisting of a Zinc plated steel eyebolt with an M6 thread. This is the preferred method of attaching a dropwire to brickwork at end users' premises. Overhead single point fixing bolt. Ring size 12mm. Required hole size 12mm x 50mm. Ref: 016445.

B) EYEBOLT EXPANDING 2A

A dropwire fixing consisting of a Zinc plated steel eyebolt with an M10 thread. This is the preferred method of attaching a dropwire to the end users premises, where the walls are rendered. Ring size: 14mm. Required Hole size: 16mm diameter x 95mm depth. Box 20. Ref: 016442 / 021689 / 023041.

C) M8 EYEBOLT

Eyebolt M8 x 95mm for use with Catenary Wire Kits (R02-7028) and associated accessories.

Provides temporary or permanent anchorage in stone, concrete or brickwork. Supplied with shield, washer and hex nut.

D) EYEBOLT EXPANDING 2B

A dropwire fixing consisting of a Zinc plated steel eyebolt with an M10 thread and a length of 205mm. This is the preferred method of attaching a dropwire to the end users premises, where the walls are clad. Ring size 23mm ID with 40mm OD.

E) EYEBOLT EXPANDING 2C

A dropwire fixing consisting of a Zinc plated steel eyebolt with an M10 thread and a length of 255mm. This is the preferred method of attaching a dropwire to the end users premises, where the walls are heavily clad. Ring size 23mm ID with 40mm OD.



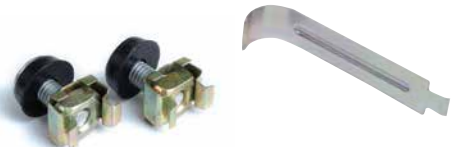
PART NO.	DESCRIPTION	PRICE
S83-1853	A) EYEBOLT EXPANDING 1A PKT 20	10.25
S83-0901	B) EYEBOLT EXPANDING 2A PKT 20	14.30
R02-7024	C) M8 EYEBOLT (SINGLE)	3.31
S83-2626	D) EYEBOLT EXPANDING 2B	8.25
S83-2628	E) EYEBOLT EXPANDING 2C	9.30

FUSION CAGE NUTS & CAGE NUT TOOL

Fusion Cage Nut Sets M6 x 16mm

Supplied in pkts of 50 and 100 zinc plated or in black.

Caged Nut Insertion and Removal Tool - Ideal for helping installers insert cage nuts into cabinets, and to aid removal. Saves time!



PART NO.	DESCRIPTION	PRICE
T70-2366	ZINC PKT 50 CAGED NUT SET	6.79
T70-2367	ZINC PKT 100 CAGED NUT SET	11.79
T70-2508	BLACK PKT 100 CAGED NUT SET	12.82
C00-0113	CAGED NUT INSERTION/REMOVAL TOOL	6.31

ALUMINIUM RIVETS

Manufactured from quality aluminium with a steel pulling mandrel, these rivets are suitable for use with most hand riveters and are RoHS compliant for use in electrical appliances.



PART NO.	DESCRIPTION	PRICE
R99-1985	ALUMINIUM RIVETS LONG 4MM X 13MM (PKT 50)	2.53
R99-1986	ALUMINIUM RIVETS MEDIUM 5MM X 7MM (PKT 15)	3.13
R99-1987	ALUMINIUM RIVETS MEDIUM 4MM X 7MM (PKT 20)	2.56

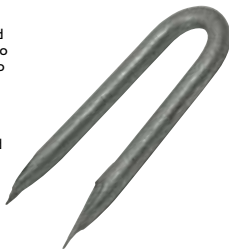
STAPLES GALVANISED

A) Galvanised steel staple, "U" shaped approximately 40mm wide and used to retain single strand suspension wire to poles when making a termination.

Ref: 16270.

B) Galvanised steel staple, "U" shaped approximately 50mm wide. Used to retain multi strand suspension wire and CAC's to poles when making a termination.

Ref: 016271.



PART NO.	DESCRIPTION	PRICE
S83-2857	40MM STAPLE PK 1KG	9.00
S83-2858	65MM STAPLE PK 1KG	9.22

PIN STEEL NO.2 PK200

Hardened steel pin with captive washer for attaching labels to poles including pre-climb test labels, Caution Overhead Fibre and Pole Plastic Letters & Numbers.

Overall length 30mm (1 1/8").
Supplied in box of 200.

Ref: 070864.



PART NO.	DESCRIPTION	PRICE
S83-1746	PIN STEEL NO.2 PK200	4.31

NAIL BONDING

Galvanised steel round headed nail 45mm long x 5mm diameter and used in conjunction with Washer Galvanised 19 for securing Aluminium Strip and Cappings to poles.

Supplied in a 5kg box.

Ref: 072034.



PART NO.	DESCRIPTION	PRICE
S83-2672	NAIL BONDING	17.58

FUSION CABLE CLIPS FOR ROUND, TWIN AND EARTH CABLES

Plastic, saddle type cable clips with a single captive hardened zinc plated pin, ideal for voice cables. Supplied in packs of 100 in the following sizes in both black and white, with suitability for voice and power cable sizes as shown.



Fusion
CABLE CLIPS

PART NO.	DESCRIPTION	PRICE
R02-8336	3.5MM WHITE (100) 2 PAIR	1.86
R02-8337	3.5MM BLACK (100) 2 PAIR	1.86
R02-8338	4.0MM WHITE (100) 3 PAIR	1.80
R02-8339	4.0MM BLACK (100) 3 PAIR	1.80
R02-8340	5.0MM WHITE (100) 4 PAIR	2.01
R02-8341	5.0MM BLACK (100) 4 PAIR	2.01
R02-8342	6.0MM WHITE (100) 6 PAIR	2.11
R02-8343	6.0MM BLACK (100) 6 PAIR	2.11
S83-0838	CLEAT WIRING 11B BLACK (FOR DROPWIRE)	3.35
R02-8344	7.0MM WHITE (100) 10 PAIR	2.21
R02-8345	7.0MM BLACK (100) 10 PAIR	2.21
R02-8346	8.0MM WHITE (100) 10 PAIR + E	2.40
R02-8347	8.0MM BLACK (100) 10 PAIR + E	2.40
R02-8348	9.0MM WHITE (100) 20 PAIR	2.91
R02-8349	9.0MM BLACK (100) 20 PAIR	2.91
R02-8350	10.0MM WHITE (100) 20 PAIR + E	3.91
R02-8351	10.0MM BLACK (100) 20 PAIR + E	4.31
R02-8352	11.0MM WHITE (100) 30 PAIR	5.01
R02-8353	11.0MM BLACK (100) 30 PAIR	5.01
R02-8354	14.0MM WHITE (50) 40 PAIR + E	9.34
R02-8355	14.0MM BLACK (50) 40 PAIR + E	9.34
R02-8356	16.0MM WHITE (50) 50 PAIR + E	9.50
R02-8357	16.0MM BLACK (50) 50 PAIR + E	9.50

CABLE CLIPS FOR TWIN AND EARTH

R02-9883	1.0MM TWIN & EARTH CLIP PKT 100	3.45
R02-2276	1.5MM TWIN & EARTH CLIP PKT 100	3.55
R02-2277	2.5MM TWIN & EARTH CLIP PKT 100	3.66
R02-9884	4.0MM TWIN & EARTH CLIP PKT 100	3.76
R02-9885	6.0MM TWIN & EARTH CLIP PKT 100	3.86

FIRE RESISTANT METAL NAIL CLIPS

UMetal nail fixing solutions provide a quick and simple way of securing cables to meet the requirements of BS7671, which imposes the use of metal fixings to secure wiring systems within the escape routes of buildings. Suitable for a range of cable sizes, from 4.5mm to 11.0mm diameter. Meets the requirements of BS7671, 3rd Amendment 7th Edition-Available in 4.5, 7, and 11mm, black or white.



PART NO.	DESCRIPTION	PRICE
R02-1319	FIRE RESISTANT METAL NAIL CLIPS SSNC4.5 BLACK PK 50	4.90
R02-1320	FIRE RESISTANT METAL NAIL CLIPS SSNC4.5 WHITE PK 50	4.90
R02-1322	FIRE RESISTANT METAL NAIL CLIPS SSNC7.0 BLACK PK 50	5.46
R02-1323	FIRE RESISTANT METAL NAIL CLIPS SSNC7.0 WHITE PK 50	5.46
R02-1388	FIRE RESISTANT METAL NAIL CLIPS SSNC11.0 BLACK PK 50	6.44
R02-1389	FIRE RESISTANT METAL NAIL CLIPS SSNC11.0 WHITE PK 50	6.44

TAPE HAZARD WARNING

50mm self adhesive
PVC striped tape.
Length: 33m.



PART NO.	DESCRIPTION	PRICE
R99-3267	YELLOW/BLACK TAPE HAZARD WARNING	3.44
R99-3268	RED/WHITE TAPE HAZARD WARNING	3.56

TAPE DENSYL

Available in 50mm and
75mm widths for pipe
wrapping.



PART NO.	DESCRIPTION	PRICE
S83-2914	TAPE DENSYL 50MM X 10M	7.52
S83-2915	TAPE DENSYL 75MM X 10M	11.28

TAPE CABLING ADHESIVE 50MM

For securing cable grips to cables,
50mm wide.
Length: 20m.



PART NO.	DESCRIPTION	PRICE
S83-0836	TAPE CABLING 50MM	11.33

GAFFER (CLOTH) TAPE

Supplied on 50m rolls, 50mm wide.
Available in Black and Silver.



PART NO.	DESCRIPTION	PRICE
R02-7969	GAFFER (CLOTH) TAPE SILVER 50M	5.13
R02-7700	GAFFER (CLOTH) TAPE BLACK 50M	5.13

TAPE SELF AMALGAMATING

For taped joints when using
underground closures.
Supplied on 10m rolls.



PART NO.	DESCRIPTION	PRICE
R02-7702	TAPE SELF AMALGAMATING 19MM	5.54
R02-3395	TAPE SELF AMALGAMATING 25MM	7.40
R02-3396	TAPE SELF AMALGAMATING 50MM	22.31

ELECTRICIANS PVC TAPES

Self-extinguishing & flame
retardent. Conforms to
BSEN 60454/3. 33 metres
long by 19mm wide rolls.



PART NO.	DESCRIPTION	PRICE
R99-5386	BLACK PVC TAPE	0.81
R99-3803	RED PVC TAPE	0.81
R99-5388	WHITE PVC TAPE	0.81
R99-5389	YELLOW PVC TAPE	0.81
R99-3804	BLUE PVC TAPE	0.81
R99-1216	GREEN & YELLOW PVC TAPE	1.06

TAPE PVC

High Quality 0.15mm premium
quality, electrical self-extinguishing
soft PVC tape which uses an
aggressive pressure sensitive rubber-
based adhesive system. This tape is
used by the leading telecom utilities
and offers excellent resistance to
abrasion, corrosion and moisture.
This tape is approved by IMQ, VDE,
ÖVE, CEBEC, SEMKO, NEMKO,
DEMKO, conforms to BS3924 and
European Directive 2000/53 EC (lead,
chromium VI, mercury, cadmium free)
Service temperature 0°C to +90°C
providing good adhesion properties at
low temperature (till -10°C).



PART NO.	DESCRIPTION	PRICE
S83-3271	TAPE PVC 12MM BLACK	0.89
S83-3274	TAPE PVC 12MM RED	0.89
S83-3658	TAPE PVC 12MM WHITE	0.89
S83-3275	TAPE PVC 12MM YELLOW	0.89
S83-0899	TAPE PVC 25MM BLACK	0.97
S83-3277	TAPE PVC 25MM BLUE	0.97
S83-3280	TAPE PVC 25MM RED	0.97
S83-3281	TAPE PVC 25MM WHITE	0.97
S83-0900	TAPE PVC 25MM YELLOW	0.97
S83-0898	TAPE PVC 50MM BLACK	2.53
S83-3287	TAPE PVC 50MM RED	2.53
S83-3288	TAPE PVC 50MM WHITE	2.53
S83-3289	TAPE PVC 50MM YELLOW	2.53

A) CROSS WEAVE TAPE 50MM X 50M

Reinforced filament tape, extra strong adhesive tape for very demanding sealing, securing, reinforcing and packaging situations. Ideal to use with heavy boxes and container boxes. Width: 50 mm x Length: 50 metres



A

B) BROWN POLYPROPYLENE PACKING TAPE 48MM X 50M

High-quality brown self-adhesive polypropylene tape used for sealing and securing a wide variety of parcels and packages. Width: 48 mm x Length: 50 m.



B

PART NO.	DESCRIPTION	PRICE
R99-1704	A) CROSS WEAVE TAPE 50MM X 50M	4.78
D99-0036	B) BROWN POLYPROPYLENE PACKING TAPE 48MM X 50M	1.33

TAPE CAUTION FIBRE OPTIC CABLE

Green plastic heavy duty warning tape. Resistant to impact, acids, alkalis and rot. Size 150mm x 365m.



PART NO.	DESCRIPTION	PRICE
R99-3270	TAPE CAUTION FIBRE OPTIC CABLE	12.24

TAPE REINFORCING 50MM

Tape Reinforcing 50mm. Used to reinforce Sheets Rubber. Self adhesive when used for temporarily closed pressurised cable joints. Length 10m.



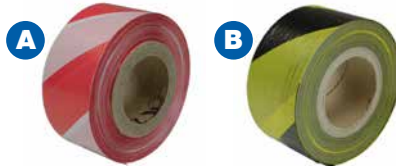
PART NO.	DESCRIPTION	PRICE
S83-0837	TAPE REINFORCING 50MM	2.10

A) BARRIER TAPE RED / WHITE 500M

Non Adhesive Barrier Tape in Red / White 70mm x 500m.

B) BARRIER TAPE BLACK / YELLOW 500M

Non Adhesive Barrier Tape in Black / Yellow 70mm x 500m.



A

B

PART NO.	DESCRIPTION	PRICE
S00-4262	A) BARRIER TAPE RED / WHITE 500M	4.59
S00-8115	B) BARRIER TAPE BLACK / YELLOW 500M	4.59

HEAVY DUTY PALLET WRAP BLACK 500MM X 250M

500mm black pallet wrap film for hand wrapping of pallets for containment, security and stability.



PART NO.	DESCRIPTION	PRICE
R02-1395	HEAVY DUTY PALLET WRAP BLACK 500MM X 250M	7.58

CABLELAY MATTING JOINING TAPE CLASS 0 15M ROLL

Protective tape for the joining of 2 cut lengths of cable matting. Class 0. Length: 15m



PART NO.	DESCRIPTION	PRICE
V03-7598	CABLELAY MATTING JOINING TAPE CLASS 0 15M ROLL	34.52

HEAVY DUTY REFUSE SACKS BLACK (ROLL OF 10)

Superior quality with a leak resistant base. 735 x 970mm Bag, Thickness: 40 microns, Capacity: 96 litres.



PART NO.	DESCRIPTION	PRICE
R02-1396	HEAVY DUTY REFUSE SACKS BLACK (ROLL OF 10)	2.02

HAZARDOUS WASTE DISPOSAL BAGS & TIES PK10

Pack of 10x Hazardous Waste Disposal bags, 60 x 90cm supplied complete with ties. Grade: 140 micron.



PART NO.	DESCRIPTION	PRICE
S26-1927	HAZARDOUS WASTE DISPOSAL BAGS & TIES PK10	27.97

CONSUMABLES

SILICON SEALANTS

Contractors silicon sealant that adheres to most smooth and non-porous materials.

This product contains an anti-fungal compound to prevent mould growth in areas of high humidity. SILICONE 200 is mid to low modulus in nature. 300ml Cartridge and available in White, Clear, Brown and Black.

Key Features:

- Conforms to BS5889.
- Permanently flexible.
- Anti-fungal formula - prevents mold growth.
- Quick curing - low dirt pick up.
- Low viscosity for fast application.



PART NO.	DESCRIPTION	PRICE
R99-1221	SILICONE SEALANT CLEAR 295ML	2.70
R99-1222	SILICONE SEALANT WHITE 295ML	2.70
R02-1394	SILICONE SEALANT BLACK 300ML	6.49
R99-3072	SILICONE SEALANT BROWN 295ML	4.31

HIGH STRENGTH BUILDING ADHESIVE

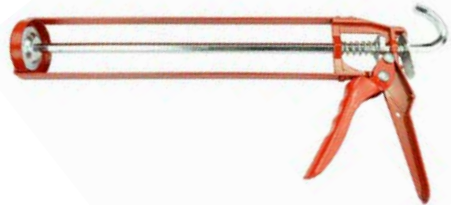
Everbuild High Strength 'Grab' Building Adhesive. This 'grab' adhesive will stick just about anything on a building site that needs sticking. Suitable for indoor and outdoor use. Supplied in a 350ml cartridge.



PART NO.	DESCRIPTION	PRICE
R99-7700	PINKGRIP 350ML CARTRIDGE	3.37

ECO-TOOLS STANDARD CAULKING GUN

An economy mastic or sealant gun for use with most 310ml cartridges. Formerly R99-1217.



PART NO.	DESCRIPTION	PRICE
E22-6395	ECO-TOOLS STANDARD CAULKING GUN	3.13

FLEXIBLE FILLER 290ML

Flexible Decorator's Filler is a white fast drying, acrylic based filler and sealant that remains permanently flexible. Can be overpainted with most paint types or covered over with wallpaper.

Application Temp. Range +4°C to +40°C

Size: 290ml.



PART NO.	DESCRIPTION	PRICE
R99-7896	FLEXIBLE FILLER 290ML	1.67

ECO-TOOLS PROFESSIONAL CAULKING GUN

Professional sealant gun with frictionless movement which allows for precise control for a more controlled delivery of sealant and mastic. The product has been specially designed for heavy duty applications and is suitable for use with standard 310ml mastic cartridges. Formerly R70-7850.

PART NO.	DESCRIPTION	PRICE
E22-6392	ECO-TOOLS PROFESSIONAL CAULKING GUN	6.61

FSI PYROLASTIC SEALANT 310ML

Pyrolastic® Fire Resistant Silicone is used to seal linear joints in floor and wall constructions to reinstate the fire resistance performance.



PART NO.	DESCRIPTION	PRICE
S00-9313	FSI PYROLASTIC SEALANT 310ML	5.79

FSI PYROCOUSTIC SEALANT 310ML

Pyrocoustic® Sealant is a water based acrylic sealant used to reinstate the fire resistance of wall and floor constructions where apertures are penetrated by multiple services and linear gap seals where wall and floor constructions abut. 310ml cartridges. For further approvals and standards see our website.



PART NO.	DESCRIPTION	PRICE
S00-9312	FSI PYROCOUSTIC SEALANT 310ML	1.43

ARALDITE & SUPERGLUE

A) Superglue. Repositionable for up to 15 seconds, solvent free and low odour. Supplied in a 3ml tube with nozzle and works on most materials.

B) Araldite Rapid. This 2 pack glue, bonds metal, wood, masonry, ceramics, glass, dry concrete, chipboard, leather, cardboard, fabric, rubber and most plastics (except polyethylene, polypropylene, Teflon®). The 2-component epoxy is fast setting. Parts repositionable for 4 minutes.



PART NO.	DESCRIPTION	PRICE
R99-1171	A) SUPERGLUE 3G TUBE	2.79
R99-1180	B) ARALDITE RAPID 32G	5.31

**SOLVENT ADHESIVE
1/4 LITRE**

Marshall Tufflex round PVC conduit solvent adhesive MSC20 1/4 litre Solvent for use with Super High Impact Round Rigid PVC White Conduit range.



PART NO.	DESCRIPTION	PRICE
V01-7023	SOLVENT ADHESIVE 1/4 LITRE	15.10

**3-IN-ONE WHITE
LITHIUM SPRAY
GREASE 400ML**

3-IN-ONE White Lithium Spray Grease is for heavy-duty applications.

It is ideal for preventing rust and corrosion for automobile, marine and workshop use.

It is also safe around the house on sliding doors, windows, hinges and garden machinery.

Size: 400ml



PART NO.	DESCRIPTION	PRICE
R99-3508	3-IN-ONE WHITE LITHIUM SPRAY GREASE 400ML	6.17

AIR DUSTER 400ML

A pure inert gas aerosol for removing dust & airborne contamination from inaccessible areas in electrical and electronic equipment. Available in 200ml & 400ml aerosol cans.

Ozone Friendly.



PART NO.	DESCRIPTION	PRICE
R00-3506	AIR DUSTER 400ML	5.89

**A) HANDY
GLUE GUN**

Handy hot melt glue gun with easy pull trigger, covered nozzle for safety and a safety warning light. Bonds hard plastics, ceramic, metal and wood. Comes complete with two 7mm glue sticks. Replacement packs of glue sticks are also available.

**B) GLUE GUN**

A professional model with a lever feed handle, while the clutch mechanism prevents glue back-up. Bonds almost anything permanently in 60 seconds without the need for mixing or clamping.



PART NO.	DESCRIPTION	PRICE
P59-7961	A) HANDY GLUE GUN	17.39
P59-7962	7MM GLUE STICKS FOR HANDY GUN PKT 14	3.93
P57-1302	B) TRIGGER FED GLUE GUN	19.95
P57-1303	10" ALL PURPOSE GLUE STICKS (PKT12)	6.74

WD40 AEROSOL 300ML

WD-40 is an all purpose liquid for displacing moisture, corrosion control, lubrication, cleaning and penetration. It has the ability to penetrate the minute grain boundaries on all metals. Although not essentially a lubricant, WD-40 is regularly used to lubricate all light machinery and electrical equipment. WD40 is also used for displacing moisture and sometime known as 'Spray Dewatering'.

Supplied in 300ml aerosol.



PART NO.	DESCRIPTION	PRICE
R99-1122	WD40 AEROSOL 300ML	4.94

**ZINC GALVANISING
SPRAY SILVER 400ML**

Quick-drying, spot-weldable primer coat to prevent corrosion. Use to treat galvanised and untreated steel.

- Touch-Dry in 20-30 Minutes
- Good Filling Properties
- High Adhesion
- Petrol & Chemical-Resistant
- Weather-Resistant



PART NO.	DESCRIPTION	PRICE
S83-1419	ZINC GALVANISING SPRAY SILVER 400ML	6.86

MILLS HEAVY DUTY ANTIBACTERIAL HANDWIPE - TUB OF 75

Antibacterial hand wipe supplied in a tub of 75. Wipe size: Size 200 x 260mm.

Tough, fast, safe and convenient wipes designed to remove a wide range of soils such as paint, adhesives, oil, grease, silicone, grime and dirt. They are ideal for cleaning hands, tools and hard surfaces.

Contains ingredients to moisturise hands and prevent drying out.

Not for use on face/near eyes. Dermatologically tested.



PART NO.	DESCRIPTION	PRICE
R99-6590	MILLS HEAVY DUTY ANTIBACTERIAL HANDWIPE	3.77

SURESAN INSTANT HAND SANITISER 236ML

Alcohol-based sanitiser kills 99.9 percent of germs without water. Moisturising with Vitamin E and Aloe.



PART NO.	DESCRIPTION	PRICE
R99-1608	SURESAN INSTANT HAND SANITISER 236ML	5.80

ROZALEX DRI-GUARD BARRIER CREAM 450ML

Dri-Guard is an application specific barrier cream for protection against dry, oil or solvent based materials.

Typical Commercial Applications:

Manufacturing, Engineering, Oil & Gas, Automotive, Ship building, Civil Engineering, Printing, Welding, Building Trades, Painting & Decorating etc
Supplied in 450ml tubs.



PART NO.	DESCRIPTION	PRICE
S83-1758	ROZALEX DRI-GUARD BARRIER CREAM 450ML	12.86

BIG WIPES ANTIBACTERIAL INDUSTRIAL WIPES

A) Heavy duty BIG WIPES

Antibacterial Industrial wipes contain the unique Advanced Hi-Tech Big Wipes cleaning formula.

Also effective against MRSA, C. Diff., E. Coli 157, Weils (from rats), Salmonella, Staphylococcus and Listeria.

B) Mounting Bracket for Big Wipes Tubs

Van or wall mountable – fixes to ply panelling or integrates easily into bespoke racking system.



PART NO.	DESCRIPTION	PRICE
R99-5795	A) BIG WIPES ANTIBACTERIAL INDUSTRIAL WIPES 120 TUB	9.22
R99-9438	B) MOUNTING BRACKET FOR BIG WIPES TUBS	5.82

CALYPSO SUN LOTION SPF50

Calypso Sun Lotion SPF50 with gentle moisturisers offers UVA/UVB protection and helps prevent premature ageing.

Available in 50ml and 150ml sizes.



PART NO.	DESCRIPTION	PRICE
B19-0005	A) CALYPSO SUN LOTION SPF50 150ML	8.89
R99-2007	B) CALYPSO SUN LOTION SPF50 50ML	6.61

MICROCARE STICKLERS MULTICLEAN SURFACE CLEANER 400ML

MultiClean, provides fast and safe cleaning in almost any production environment. High purity IPA and D.I. water is well suited for cleaning medical devices, electronics, stencils, work benches, tools, production machinery, and any surface that requires hygienic grade cleaning. Supplied in 400ml aerosol cans.



PART NO.	DESCRIPTION	PRICE
C05-1648	MICROCARE STICKLERS MULTICLEAN MULTITASK SURFACE CLEANER 400ML	4.82



TRUNKING CLEANER SOLVENT FREE 1 LITRE

A solvent free cream for the regular cleaning of PVCu trunking. Apply and spread with a soft cloth, working well into the surface. Leave for 15 minutes and buff with a separate dry soft cloth. Supplied 1 Litre bottle.



PART NO.	DESCRIPTION	PRICE
R90-7890	TRUNKING CLEANER SOLVENT FREE 1 LITRE	4.82

A) ABRASIVE CLEAN UP STRIPS PK 10

Monument Abrasive Clean Up Strips, 180 grit silicone clean up strips of abrasive waterproof open mesh material for a multitude of cleaning jobs such as roughing up pipe, cleaning inside fittings (can be cut into small strips), deburring metal and wooden surfaces.



B) SCOURING PAD 230MM X 150MM PK 10

Scouring Pad. 230mm x 150mm Pk 10.

PART NO.	DESCRIPTION	PRICE
H70-7395	A) ABRASIVE CLEAN UP STRIPS PK 10	7.17
S99-7384	B) SCOURING PAD 230MM X 150MM PK 10	2.52

ANTI-STATIC FOAM CLEANER

Ideal for all hard surfaces such as VDU's, computer casings and office equipment. Prevents build-up of static electricity & dust. Safe on all plastics and non-flammable. Available in 200ml and 400ml aerosol cans. Ozone friendly.



PART NO.	DESCRIPTION	PRICE
R90-3003	A) ANTI-STATIC FOAM CLEANER 400ML	4.55
R90-3002	B) ANTI-STATIC FOAM CLEANER 200ML	4.07

SWARFEGA ORANGE HAND CLEANER PUMP TOP BOTTLE 4 LITRE

Swarfega Orange is an advanced formulation, solvent-free heavy-duty hand cleanser containing natural corneal for a deep down cleaning action and moisturiser to help care for skin.



PART NO.	DESCRIPTION	PRICE
R99-0586	SWARFEGA ORANGE HAND CLEANER PUMP TOP BOTTLE 4 LITRE	14.71

GRAFFITI REMOVAL AND PROTECTION PRODUCTS

A range of product to prevent and remove graffiti including wipes liquids and sealers.

A) R99-7657 Graffiti Wipes

Each pouch contains 15 super tough and absorbent safe graffiti wipes all saturated with our easy-off safe graffiti remover. These non-harmful, alcohol-free anti-graffiti cleaning wipes quickly remove unwanted graffiti tags, spray paint murals and permanent marker pen-based graffiti.



B) R99-7658 Easy-off Safe Graffiti Remover

Spray clean 100% of unwanted graffiti from vandalised non-porous surfaces and are effective at removing graffiti from around 80% of porous surfaces too. Supplied in 500ml Spray.



C) R99-7659 Easy-off Safe Graffiti Remover liquid

Clean 100% of unwanted graffiti from vandalised non-porous surfaces and are effective at removing graffiti from around 80% of porous surfaces too. Supplied in 25 litre containers.

Easy-on Clear Glaze Anti-Graffiti Coating

Easy-on permanent anti-graffiti coating is a transparent, graffiti resistant finish for all internal and external walls, bridges, subways, murals and street art.

Applied by brush, roller or spray, one coat easy-on anti-graffiti clear glaze cures to a graffiti resistant finish in 4 hours and easily withstands hundreds of graffiti removal operations over its proven 20-year life. Easy-on anti-graffiti coating is effective against all types of graffiti media including permanent marker pen, spray paint and fly-poster attacks. Coverage: 9-33m² per litre Available in 3 sizes as follow;

D) R99-7660 420ml Cans

E) R99-7661 2.2 Litre Cans

F) R99-7662 4.5 Litre Drums



PART NO.	DESCRIPTION	PRICE
R99-7657	A) EASY-OFF ANTI-GRAFFITI REMOVAL WIPES PK 15	2.97
R99-7658	B) EASY-OFF SAFE GRAFFITI REMOVER SPRAY 500ML	11.09
R99-7659	C) EASY-OFF SAFE GRAFFITI REMOVER LIQUID 25 LITRE	212.05
R99-7660	D) EASY-ON CLEAR GLAZE ANTI-GRAFFITI COATING 420ML	38.56
R99-7661	E) EASY-ON CLEAR GLAZE ANTI-GRAFFITI COATING 2.25 LITRES	134.99
R99-7662	F) EASY-ON CLEAR GLAZE ANTI-GRAFFITI COATING 4.5 LITRES	246.41

CONSUMABLES

BLOW TORCH GAS

A) Mapp Gas- Special gas mix for high-performance soldering work. Flame temperatures up to 2,700 °C and 35 % faster than propane. MAPP® is a registered trademark of Messer Group GmbH, Bad Soden.

B) Ultragas 220583 that has a gas mixture of propane, butane, propene and acetone to give a flame temperature of 2,100°C.

Complies with EN417 Regulations.



PART NO.	DESCRIPTION	PRICE
S99-2342	A) SIEVERT ULTRAGAS CARTRIDGE 220583	11.88
S99-7387	B) MAPP GAS CYLINDER FOR SUPERFIRE 2	16.07

A) 250G 18SWG SOLDER WIRE LEAD FREE

250g reel of lead free rosin core 1.2mm (18SWG) solder wire 99.3% tin and 0.7% copper.

B) TUBE 1.2MM SOLDER

A tube containing 1.2mm diameter solder, rolled and easy to pull out through the dispensing hole in the cap.

60/40 Sn/Pb
Contains 2% flux
Weight: 17g

C) SOLDER WIRE 3.25MM 250G

Solid solder wire for plumbing applications. Highly effective, designed to produce perfect joints, quickly and cleanly. Size: 250g reel. Diameter: 3.25mm.



PART NO.	DESCRIPTION	PRICE
D59-1275	A) 250G 18SWG SOLDER WIRE LEAD FREE	18.50
D72-1002	B) TUBE 1.2MM SOLDER	2.80
D52-2050	C) SOLDER WIRE 3.25MM 250G	22.99

A) 1/2" CLEANING / APPLICATION BRUSH

Flux brush with synthetic bristles which are made from special filaments which guarantee excellent performance with no bristle loss. Width 19mm.

B) SOLDERING FLUX

Soldering Flux acts as a chemical cleaning agent to remove impurities from joint surfaces when soldering, ensuring a better joint. It has a non-acidic, non-toxic formula, offering fitters the benefits of savings, safety and certainty. Available in 125g and 475g reels.



PART NO.	DESCRIPTION	PRICE
R99-7383	A) 1/2" CLEANING / APPLICATION BRUSH	1.81
D52-2048	B) SOLDER FLUX 475G	17.10
D52-2049	B) SOLDER FLUX 125G	6.68

A) LONG LASTING ALKALINE BATTERIES

Long lasting, leak-proof alkaline batteries for optimum output & high performance of all torches, measuring instruments & industrial equipment.

B) LANTERN BATTERY

PJ996 long lasting lantern and road lamp batteries.



PART NO.	DESCRIPTION	PRICE
M99-1200	A) MN1300 (D) BATTERY PACKET 2	3.17
M99-1201	A) MN1400 (C) BATTERY PACKET 2	2.68
M99-6820	A) MN1500 (AA) BATTERY PACKET 2	1.18
M99-1203	A) MN1604 (PP3) BATTERY PACKET 1	2.04
M99-6864	A) MN2400 (LR03,AAA) BATTERY PACKET 2	1.29
M99-1059	B) PJ996 LANTERN BATTERY EACH	1.99

WHITE SPIRIT

White Spirit White Spirit supplied in 750ml or 2 litre screw top bottles for removal of grease and gel from optical fibre cable. Conforms to BS245.



PART NO.	DESCRIPTION	PRICE
R02-3014	A) WHITE SPIRIT 750ML	2.75
R02-3034	B) WHITE SPIRIT 2 LITRES	6.59

A) SCREENWASH 5 LITRE

Vehicle screenwash for windcreens and headlight washing systems, providing protection to minus 8 degrees if use undiluted

Dilution ratios:

Summer - 1 part screenwash to 6 parts water.

Winter - 1 part screenwash to 1 part water.

For severe conditions use undiluted.

B) SCREENWASH SACHET PK10

Removes dirt, grease, traffic film and insect deposits easily from your car windscreen leaving a streak free finish for increased visibility.

This product is ready mixed with water for convenience, no need to dilute, allowing quick and easy top ups without the bulky bottles to store in your car. Helps prevent freezing.



PART NO.	DESCRIPTION	PRICE
R99-2664	A) SCREENWASH 5 LITRE	4.20
R99-4460	B) SCREENWASH SACHET PK10	3.29



General Tooling



Blow Torches and Soldering Irons

Cable Preparation & Termination Tools

Cable Strippers, Cutters
and Crimping Tools

Hammers, Chisels and Bolsters

Knives and Scissors

Nutdrivers, Hex and Torx Keys

Pliers, Cutters, Grips

Saws, Loppers and Secateurs

Screwdriver and Bit Sets

Spanners and Wrenches

Tapes, Levels and Digital
Measuring Products

Titanium Tools

Tool Cases, Boxes,
Parts Boxes and Storage

Toolkits

Torches, Lanterns and
Inspection Products

WE CAN CREATE A TOOLKIT THAT'S JUST RIGHT FOR YOU!

Custom-built toolkits



WHETHER IT'S A TOOLKIT, TOOL CASE, TOOL BAG, TOOL WALLET OR TOOLBOX, WE CAN CUSTOMISE THE CONTENTS TO BE PRECISELY RIGHT FOR YOU.

Just let us know the tools you require and we can supply a comprehensive range to suit your particular application.



- All tools of highest quality
- Mills Master Class tooling carries lifetime guarantee
- Mix and match to suit your needs
- No unwanted items

FOR ALL CUSTOM-BUILT TOOLKIT ENQUIRIES, PLEASE CONTACT OUR SALES TEAM ON

020 8833 2626

GENERAL TOOLING



VAN KITS

BUILT TO YOUR SPECIFICATION
Send us your listing for a **FREE** quotation



Sales/Technical Support

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SPECIALIST TOOLKITS FOR ALL APPLICATIONS

Tools are where we started, way back in 1918. We still lead the way today when it comes to building and selecting the specific tooling required for each specific trade or craft.

Mills toolkits are supplied in your choice of tool box, tool case, back pack, tote bag, wallet or tool roll.



SERVICE ENGINEER'S TOOLKITS
See Pages 278-281



DATA & VOICE INSTALLER'S TOOLKITS
See Pages 283-285



COPPER JOINER'S TOOLKITS
See Pages 286



CATV TOOLKITS
See Pages 287



BLOWN FIBRE TOOLKITS
See Pages 38



FIBRE JOINER'S TOOLKITS
See Pages 45



FIBRE SPLICER'S TOOLKITS
See Pages 46-47



FIBRE INSPECTION KITS
See Pages 68-69



SMART METER KITS
See Pages 290-291



ELECTRICIAN'S TOOLKITS
See Pages 288

GENERAL TOOLING



MILLS SERVICE ENGINEER'S TOOLKIT No.1

This entry level service engineer's toolkit contains the essential tools for basic maintenance and inspection applications and is available in four storage options including Mills Standard Wide Mouth Bag, Mills Tool and Laptop Bag, the new Mills Tool Backpack and the Mills Polyprop Eurocase. It replaces the discontinued A10-4253 kit.

Includes:

E70-4260 3 Piece Plier Set
F70-4288 6 Piece Screwdriver Set
F72-1003 Mains Tester Screwdriver
H72-6380 6" Adjustable Wrench (150mm)
H01-1528 Metric Ball End Hex Key Set
J72-1001 1/2lb Ball Pen Hammer
E22-6373 5m Tape Measure (16ft)
K70-7869 Boat Level
M14-5859 LED Pocket Light
N72-6574 Retractable Knife
E22-6585 Junior Hacksaw
S26-1069 Safety Spectacles
S70-5007 Fine Point Scissors



PART NO.	DESCRIPTION	PRICE
A10-6131	A) SERVICE ENGINEER'S TOOLKIT No.1 - IN MILLS STANDARD TOOL BAG	111.09
A10-6132	B) SERVICE ENGINEER'S TOOLKIT No.1 - IN MILLS LAPTOP TOOL BAG	120.46
A10-6133	C) SERVICE ENGINEER'S TOOLKIT No.1 - IN MILLS TOOL BACKPACK	138.95
A10-6130	D) SERVICE ENGINEER'S TOOLKIT No.1 - IN MILLS EUROCASE	187.31



MILLS SERVICE ENGINEER'S TOOLKIT No.2

This toolkit builds on the Toolkit No.1, and is available in four options including Mills Polyprop Deep Eurocase, Mills Utility Tote Bag, Mills Toolbox and Mills Backpack. It replaces the discontinued A10-4254 kit.

Includes:

- E70-4260 3 Piece Plier Set
- F70-4288 6 Piece Screwdriver Set
- F72-1003 Mains Tester Screwdriver
- H72-6380 6" Adjustable Wrench (150mm)
- H01-1528 Metric Ball End Hex Key Set
- J72-1001 1/2lb Ball Pein Hammer
- E22-6373 5m Tape Measure (16ft)
- K70-7869 Boat Level
- M14-5859 LED Pocket Light
- N72-6574 Retractable Knife
- E22-6585 Junior Hacksaw
- S26-1069 Safety Spectacles
- S70-5007 Fine Point Scissors
- E12-6164 Mini Side Cutter
- E12-6166 Mini Snipe Nose Plier
- E70-4265 Wire Stripper
- F14-3501 Jewellers Screwdriver Set
- M70-4252 Mirror/Retrieval Tool
- M99-7576 Mills Head Torch
- R99-5386 Insulation Tape
- S00-4729 Protective Work Mat
- T94-1119 Parts Box
- C71-6895 Sharpie Pen x 2



GENERAL TOOLING

PART NO.	DESCRIPTION	PRICE
A10-6135	A) SERVICE ENGINEER'S TOOLKIT No.2 - IN MILLS UTILITY TOTE BAG	195.24
A10-6136	B) SERVICE ENGINEER'S TOOLKIT No.2 - IN MILLS TOOLBOX	189.47
A10-6137	C) SERVICE ENGINEER'S TOOLKIT No.2 - IN MILLS TOOL BACKPACK	218.05
A10-6134	D) SERVICE ENGINEER'S TOOLKIT No.2 - IN MILLS DEEP EUROCASE	280.98

MILLS SERVICE ENGINEER'S TOOLKIT No.3

This comprehensive service engineer's toolkit is designed to support major maintenance applications. This toolkit is available in four storage options, including the Mills Polyprop Deep Eurocase, Mills Utility Tote Bag, Mills Toolbox and Mills Back Pack. It replaces the discontinued A10-4255 kit.

Includes:

E70-4260 3 Piece Plier Set	M70-4252 Mirror/retrieval Tool
F70-4288 6 Piece Screwdriver Set	M99-7576 Mills Head Torch
F72-1003 Mains Test Screwdriver	R99-5386 Insulation Tape
H72-6380 6" Adjustable Wrench (150mm)	S00-4729 Protective Work Mat
H01-1528 Metric Hex Key Set	T94-1119 Parts Box
J72-1001 1/2lb Ball Pen Hammer	C00-4667 Voltage Detector
E22-6373 5m Tape Measure (16ft)	D52-1252 Portasol Gas Iron
K70-7869 Boat Level	D72-1002 Tube Solder
M14-5859 LED Pocket Light	F72-2902 Multibit Driver Set
N72-6574 Retractable Knife	H72-1005 Torx Key Set
E22-6585 Junior Hacksaw	K51-1006 Steel Rule 150mm
S26-1069 Safety Spectacles	M14-0624 LED Worklight
S70-5007 Fine Point Scissors	N56-1557 6 Piece File Set
E12-6164 Mini Side Cutter	S72-1000 IC Extractor
E12-6166 Mini Snipe Nose Pliers	T70-0623 Cable Tie Pack
E70-4265 Wire Stripper	C71-6895 Sharpie Pen x 2
F14-3501 Jewellers Screwdriver Set	



PART NO.	DESCRIPTION	PRICE
A10-6139	A) SERVICE ENGINEER'S TOOLKIT No.3 - IN MILLS UTILITY TOTE BAG	267.90
A10-6140	B) SERVICE ENGINEER'S TOOLKIT No.3 - IN MILLS TOOLBOX	262.24
A10-6141	C) SERVICE ENGINEER'S TOOLKIT No.3 - IN MILLS TOOL BACKPACK	290.67
A10-6138	D) SERVICE ENGINEER'S TOOLKIT No.3 - IN MILLS DEEP EUROCASE	353.65

MILLS SERVICE ENGINEER'S TOOLKIT No.4

Mills' top of the range service engineer's toolkit, supports the vast majority of mechanical/electrical maintenance and installation applications. This kit is available in four storage solutions including a combo Mills Tote Bag and Mills Tool Box, Stanley Mobile Work Centre, Stanley Fatmax Workchest or Megawheels Case. It replaces to the discontinued A10-4251 & A10-4252 kits.

Includes:

- E70-4260 3 Piece Plier Set
- F70-4288 6 Piece Screwdriver Set
- F72-1003 Mains Test Driver
- H72-6380 6" Adjustable Wrench (150mm)
- H01-1528 Metric Hex Key Set
- J72-1001 1/2lb Ball Pein
- E22-6373 5m Tape Measure (16ft)
- K70-7869 Boat Level
- M14-5859 LED Pocket Light
- N72-6574 Retractable Knife
- E22-6585 Junior Hacksaw
- S26-1069 Safety Spectacles
- S70-5007 Fine Point Scissors
- E12-6164 Mini Side Cutter
- E12-6166 Mini Snipe Nose Plier
- E70-4265 Wire Stripper
- F14-3501 Jewellers Set
- M70-4252 Mirror/Retrieval Tool
- M99-7576 Mills Head Torch
- R99-5386 Insulation Tape
- S00-4729 Work Mat
- T94-1119 Parts Box
- C00-4667 Voltage Detector
- D52-1252 Portasol Gas Iron
- D72-1002 Tube Solder
- F72-2902 Multibit Driver Set
- H72-1005 Torx Key Set
- K51-1006 Steel Rule 150mm (6")
- M14-0624 LED Worklight
- N56-1557 6 Piece File Set
- S72-1000 IC Extractor
- T70-0623 Cable Tie Pack
- C50-1224 Socket Check Plug
- C72-4474 Multimeter
- E00-1113 Cable Cutter
- E12-1190 Long Nose Plier
- E66-1325 Electrical Crimping Tool
- E70-4259 Slip Joint Plier
- F70-8720 Long Series 3pc Screwdriver Set
- H70-4257 Combi Spanner Set (6-22mm)
- H72-1001 8 Piece Metric Mini Wrench Set (5-11mm)
- J61-1031 Soft Faced Hammer
- N02-1050 Plasterboard Saw
- R01-3000 Fibreglass Pencil
- C71-6895 Sharpie Pen x 2



A



B



C



D



GENERAL TOOLING

PART NO.	DESCRIPTION	PRICE
A10-6144	A) SERVICE ENGINEER'S TOOLKIT No.4 - IN STANLEY FATMAX JOB CHEST	530.40
A10-6143	B) SERVICE ENGINEER'S TOOLKIT No.4 - IN STANLEY MOBILE WORK CENTRE	464.27
A10-6145	C) SERVICE ENGINEER'S TOOLKIT No.4 - IN MEGAWHEELS	618.46
A10-6142	D) SERVICE ENGINEER'S TOOLKIT No.4 - IN MILLS TOTE BAG & MILLS TOOLBOX	481.58

MILLS DATA & VOICE TOOLKIT No.1

This entry level datacom toolkit includes 9 essential tools, available in three storage options: Mills Fibre Too bag, Mills Tool and Laptop Case, Mills Standard Wide Mouth Bag.

Kit comprises:

- E00-2026** RJ45 / RJ11 Crimper
- E68-3002** Cyclops Cable Stripper
- F70-4258** 4mmx100mm Slotted Screwdriver
- F70-4267** No.1 Pozzi 75mm Screwdriver
- M14-5489** Mills Pocket Torch
- N70-0350** Cable Scissors
- T70-3799** Krone Style Insertion Tool
- C71-6895** Sharpie Pen Pack of 2



A



B



C



GENERAL TOOLING

PART NO.	DESCRIPTION	PRICE
A10-6150	A) DATA & VOICE TOOLKIT No.1 - IN MILLS FIBRE TOOLBAG	77.20
A10-6151	B) DATA & VOICE TOOLKIT No.1 - IN MILLS TOOL & LAPTOP CASE	88.12
A10-6152	C) DATA & VOICE TOOLKIT No.1 - IN MILLS JUNIOR TOOLBAG	74.37

MILLS DATA & VOICE TOOLKIT No.2

This comprehensive datacom and voice toolkit includes the most popular tools in a choice of three storage solutions, including the new Mills Backpack, Mills Polyprop Deep Eurocase, or Mills Standard Wide Mouth Bag.

Includes:

E00-2026	RJ45 / RJ11 Crimper	E22-6373	5M Tape Measure (16ft)
E68-3002	Cyclops Data Cable Stripper	K70-7869	Magnetic Level
M14-5859	LED Pocket Lamp	M99-7576	Mills Head Torch
N70-0350	Cable Scissors	N72-6574	Quick Change Knife
T70-3799	Krone Style Insertion Tool	E22-6585	Junior Hacksaw
C71-6895	Sharpie Pen PK2	S00-4729	Protective Work Mat
C00-0113	Cage Nut Removal Tool	S00-5003	Draw Tape 30m
C00-3011	Stripper/Insertion Tool	S26-1069	Safety Spectacles
E00-1005	Coax Stripper RG58/59/62	T70-0623	Cable Tie Pack
E00-1113	Cable Cutter 10.5mm	M99-6624	Hook & Spudger
E00-3021	100 Pair Cable Cutter	E70-4265	Wire Stripper
F70-4288	6 Piece Screwdriver Set		
E70-4260	3 Piece Plier Set		
E72-5014	BNC Crimper		
H72-6380	6" Adjustable Spanner (150mm)		
J72-1003	Cross Pein Pin Hammer		



PART NO.	DESCRIPTION	PRICE
A10-6155	A) DATA & VOICE TOOLKIT No.2 - IN MILLS STANDARD TOOL BAG	237.78
A10-6153	B) DATA & VOICE TOOLKIT No.2 - IN MILLS TOOL BACKPACK	265.64
A10-6154	C) DATA & VOICE TOOLKIT No.2 - IN MILLS DEEP EUROCASE	328.52

MILLS DATA & VOICE TOOLKIT No.3

Mills' top of the range data and voice toolkit including all the items in Toolkit No.2 but with the addition of a multi bit set, structured cable tester and tone tracer kit.

The kit can be purchased in 3 storage options including Mills Polyprop Deep Eurocase, Mills Utility Tote Bag and Mills Backpack.

Includes:

- | | | |
|---------------------------------------------|-----------------------------------------------|--------------------------------------------|
| E00-2026 RJ45 / RJ11 Crimper | H72-6380 6" Adjustable Spanner (150mm) | E12-6164 4 1/2" Side Cutter (110mm) |
| E68-3002 Cyclops Data Cable Stripper | J72-1003 Cross Pain Pin Hammer | F00-1842 Tamperproof Bit Set |
| M14-5859 LED Pocket Lamp | E22-6373 5M Tape Measure (16ft) | F72-2902 Multibit Driver Set |
| N70-0350 Cable Scissors | K70-7869 Magnetic Level | H72-1002 Hex Key Set Metric |
| T70-3799 Krone Style Insertion Tool | M99-7576 Mills Head Torch | E70-4265 Wire Stripper |
| C71-6895 Sharpie Pen PK2 | N72-6574 Quick Change Knife | N02-1050 Plaster Board Saw |
| C00-0113 Cage Nut Removal Tool | E22-6585 Junior Hacksaw | S57-3005 Cable Tie Gun |
| C00-3011 Stripper/Insertion Tool | S00-4729 Protective Work Mat | T70-2513 RJ45 Plugs Pk100 |
| E00-1005 Coax Stripper | S00-5003 Draw Tape 30m | T70-2514 RJ45 Boots Pk100 |
| RG58/59/62 | S26-1069 Safety Spectacles | |
| E00-1113 Cable Cutter 10.5mm | T70-0623 Cable Tie Pack | |
| E00-3021 100 Pair Cutter | M99-6624 Hook & Spudger | |
| F70-4288 6 Piece Screwdriver Set | C00-1554 Tone Trace Kit | |
| E70-4260 3 Piece Plier Set | C00-2000 Structured Cable Tester | |
| E72-5014 BNC Crimper | | |



B

A



C



GENERAL TOOLING

PART NO.	DESCRIPTION	PRICE
A10-6158	A) DATA & VOICE TOOLKIT No.3 - IN MILLS TOOL BACKPACK	486.68
A10-6157	B) DATA & VOICE TOOLKIT No.3 - IN MILLS UTILITY TOTE BAG	463.91
A10-6156	C) DATA & VOICE TOOLKIT No.3 - IN MILLS DEEP EUROCASE	549.66

MILLS COPPER JOINTER'S TOOLKIT

This kit includes a selection of the basic tools required for general copper jointing applications.

This toolkit is available in a choice of Mills Utility Tote Bag, Mills Toolbox or Mills Backpack.

Includes:

E00-7643 Longitudinal Stripper

E00-1113 Cable Cutter 5-10mm

E00-3021 100 Pair Cable Cutter

E00-3646 1000V 3 Piece Plier Set

E65-5463 Scotchlock Crimp Tool

E68-5487 Dropwire Stripper

E70-5001 Cable Ringing Tool (4.5 - 25mm)

E72-2010 10" Tin Snips (250mm)

F02-3638 Six Piece 1000V Screwdriver Set

H72-6381 8" Adjustable Wrench (200mm)

J53-1012 1/2lb Cross Pein Hammer

J53-1014 1lb Cross Pein Hammer

J62-8167 10" Cold Chisel With Grip (250mm)

K51-1006 Steel Rule 6" 150mm

E22-6373 5m Tape Measure

M14-0624 LED Inspection Worklight

N12-6547 Knife Pocket No. 2

N56-1458 6" Hand File

N70-0350 Cable Scissors

E22-6585 Junior Hacksaw

E22-6393 12" General Purpose Hacksaw

R99-5386 Black PVC Tape

S26-1069 Safety Spectacles

S57-3005 Cable Tie Gun

T70-3799 Krone Style Tool

C71-6895 Sharpie Pen PK2



PART NO.	DESCRIPTION	PRICE
A10-6190	A) COPPER JOINTER'S TOOLKIT - IN MILLS UTILITY TOTE BAG	276.45
A10-6191	B) COPPER JOINTER'S TOOLKIT - IN MILLS TOOLBOX	270.79
A10-6192	C) COPPER JOINTER'S TOOLKIT - IN MILLS TOOL BACKPACK	299.22



MILLS CATV TOOLKIT

This CATV Toolkit is designed for HNC and Coax Networks, incorporating the essential tools required for the installation of Cable TV from the cabinet to the premises. This toolkit is available in a choice of Mills Utility Tote Bag, Mills Toolbox or Mills Backpack to cover both rural and inner city installations. A full range of other tooling is available to complement this toolkit depending on the franchise legacy of the geographical locations - call sales for a quote.

Includes:

- S00-5979 Sid Wire Insertor
- C00-6890 Mills Pouyet Style Wire Insertion Tool
- C00-5932 Compression Tool For Corning Connectors
- C00-9844 8" Shaft Red RG6/59 F Connector Tool 7/16 AF
- C00-9845 8" Shaft Blue RG7/11 F Connector Tool 9/16 AF
- C29-0546 Cordset P Type 2 Pole
- C35-2192 DV25 Voltage Detector With Flashlight
- C50-1224 Socket Check Plug
- E00-3646 1000V VDE 3 Piece Plier Set
- E00-6177 CATV Stripper
- E21-1421 Telco Stripper Crimper
- E65-5463 Scotchlok Crimp Tool
- E22-6376 Heavy Duty Cable Cutter 20mm
- E68-3002 Cyclops Data Cable Stripper
- F00-1041 Tamperproof Screwdriver No 1
- F02-3638 1000V 6 Piece Screwdriver Set
- H00-5856 Mills Torque Wrench 9/16
- H00-5857 Mills Torque Wrench 7/16
- H72-6380 6" Adjustable Wrench (150mm)
- H70-5002 7/16 Combination Spanner
- J72-9588 16oz Fibre Glass Claw Hammer
- M14-0624 24 LED Inspection Worklight
- E22-6585 Junior Hacksaw Frame
- S00-1232 Pointing Trowel
- S57-1107 Telco Cable Tacker T28
- S82-8445 25 AC CATV Telco Cable Tacker
- T70-3799 Krone 2A Style Insertion Tool



B

C



GENERAL TOOLING

PART NO.	DESCRIPTION	PRICE
A10-6110	A) CATV TOOLKIT - IN MILLS UTILITY TOTE BAG	361.68
A10-6111	B) CATV TOOLKIT - IN MILLS TOOLBOX	356.02
A10-6112	C) CATV TOOLKIT - IN MILLS TOOL BACKPACK	384.50



MILLS ELECTRICIAN'S TOOLKIT

Designed specifically for electricians, this toolkit covers all the essential tools required for first and second fixes, whilst leaving extra capacity to customise the toolkit to your individual requirement.

This toolkit is available in a choice of Mills Utility Tote Bag, Mills Toolbox or Mills Backpack.

Includes:

E00-7643	Longitudinal Stripper	M14-0624	LED Inspection Worklight
E00-1113	5-10mm Cable Cutter	N12-6547	Knife Pocket No. 2
E00-3021	100 Pair Cutter	N56-1458	6" Hand File (150mm)
E00-3646	1000V 3 Piece Plier Set	N70-0350	Cable Scissors
E70-5001	Cable Ringing Tool (4.5 - 25mm)	E22-6585	Junior Hacksaw
E72-2010	10" Tin Snips (250mm)	E22-6393	12" General Purpose Hacksaw (30mm)
F02-3638	1000V Screwdriver Set 6 Piece	R99-5386	Black PVC Tape
H72-6381	8" Adjustable Wrench (200mm)	S26-1069	Safety Spectacles
J53-1012	1/2lb Cross Pein Hammer	S57-3005	Cable Tie Gun
J53-1014	1lb Cross Pein Hammer	C71-6895	Sharpie Pen PK2
J62-8167	10" Cold Chisel With Grip (250mm)	J04-4862	Re-threading tool 3.5 x 0.6
K51-1006	6" Steel Rule (250mm)		
E22-6373	5m Tape Measure (16ft)		



B



A



C



GENERAL
TOOLING

PART NO.	DESCRIPTION	PRICE
A10-6180	A) ELECTRICIAN'S TOOLKIT - IN MILLS UTILITY TOTE BAG	251.01
A10-6181	B) ELECTRICIAN'S TOOLKIT - IN MILLS TOOLBOX	245.35
A10-6182	C) ELECTRICIAN'S TOOLKIT - IN MILLS TOOL BACKPACK	273.83



17 PIECE INSULATED TOOL KIT FOR SMART METERING INSTALLATION AND MAINTENANCE

A fully insulated (1000V) tool kit designed for working on smart metering installs and maintenance. Supplied in robust carry case with foam insert. Insulated according to IEC 60900, usable up to 1000V AC/ 1500V DC.

- Screwdrivers:- 0.6mm x 2.8mm x 75mm, 0.6mm x 3.5mm x 100mm, 0.6mm x 4.0mm x 100mm, 0.8mm x 4.5mm x 125mm, 1.0mm x 5.5mm x 150mm
- Screwdrivers:- PZ1 x 80mm, PZ2 x 150mm
- Screwdriver flat/pozi size 2 x 100mm
- Shroud universal 30 x 34mm (G)
- Shroud non-universal 30 x 25mm
- T bar allen key 3mm x 150mm
- Cabinet spanner with adaptor
- Diagonal side cutter 180mm
- Pliers combination 180mm
- Pliers 160mm long nose
- Cable cutter 210mm - 50mm



PART NO.	DESCRIPTION	PRICE
H87-2042	17 PIECE INSULATED TOOL KIT	211.90

INSULATED SOCKET SET 16PC 3/8"SQ DRIVE 6PT WALLDRIVE® VDE APPROVED

Contents: Sockets; 8, 10, 12, 13, 14, 17, 19, 22mm, 45-Tooth Flip Reverse Comfort Grip Ratchet Wrench with Push-Button Quick Release, Socket Bits (50mm); 4, 5, 6, 8mm, Locking Extension Bars; 150, 250mm, Locking T-Bar; 200mm.

- Hardened and tempered Chrome Vanadium steel sockets and accessories
- Chrome plated for resistance to corrosion.
- Each component is fully insulated to VDE and EN 60900 standards to protect from electric shocks up to 1500V DC and 1000V AC
- Covers sizes from 8 to 22mm
- Features 45-tooth flip reverse comfort grip ratchet wrench with push-button quick release, hex socket bits, locking extension bars and locking T-bar
- Ideal for technicians working on modern hybrid and electrical vehicles (1500V DC safe live working)
- Also suitable for electricians and carpenters (1000V AC safe live working)
- Supplied in carry-case



PART NO.	DESCRIPTION	PRICE
G70-4757	INSULATED SOCKET SET 16PC 3/8"SQ DRIVE 6PT	221.76

INSULATED SOCKET SET 20PC 1/2"SQ DRIVE 6PT WALLDRIVE® VDE APPROVED

Contents: Sockets; 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 32mm, 45-Tooth Flip Reverse Comfort Grip Ratchet Wrench with Push-Button Quick Release, Socket Bits (100mm); 4, 5, 6, 8, 10mm, Locking Extension Bars; 150, 250mm, Locking T-Bar; 200mm.

- Hardened and tempered Chrome Vanadium steel sockets and accessories
- Chrome plated for resistance to corrosion
- Each component is fully insulated to VDE and EN 60900 standards to protect from electric shocks up to 1500V DC and 1000V AC
- Covers sizes from 10 to 32mm
- Features 45-tooth flip reverse comfort grip ratchet wrench with push-button quick release, hex socket bits, locking extension bars and locking T-bar
- Ideal for technicians working on modern hybrid and electrical vehicles (1500V DC safe live working)
- Also suitable for electricians and carpenters (1000V AC safe live working)
- Supplied in carry-case



PART NO.	DESCRIPTION	PRICE
G70-4758	INSULATED SOCKET SET 20PC 1/2"SQ DRIVE 6PT	271.03

GENERAL TOOLING

SMART METER ELECTRICAL ENGINEERS INSULATED TOOLKIT NO.1

The Mills Range of Smart Meter Toolkits has been carefully selected and designed in conjunction with the leading energy supply companies. The range covers 6 different toolkits with additional options, for the safe installation of both gas and electrical smart meters and removal of existing legal units.

A 1000V VDE tool kit designed for working on smart meter maintenance and installations including the very latest ergonomic angled head pliers and cutters for much greater work area viewing and increased performance. Supplied in a durable tool roll.

Comprising:

B72-0605 Tool Roll

F02-3638 VDE 1000V 6 Piece Screwdriver Set comprising: Slotted 100 x 3.0mm, Slotted 100 x 4.0mm, Slotted 125 x 5.5mm, Slotted 150 x 6.5mm, Pozl® 80 x No. 1, Pozl® 100 x No. 2

H87-7350 VDE 1000V Universal Shroud

H87-7348 VDE 1000V Non-Universal Shroud

H87-7349 VDE 1000V 3mm Insulated T Key

E12-7531 VDE 1000V Long Nose Plier with Cutter 220mm

E12-7534 VDE 1000V Combination Plier with Cutter 190mm

E12-7532 VDE 1000V Diagonal Cutter 180mm

H87-7347 VDE 1000V Cable Shears 8"

S00-7906 4 Way Utilities Key



PART NO.	DESCRIPTION	PRICE
A10-7640	SMART METER ELECTRICAL ENGINEERS INSULATED TOOLKIT NO.1	123.55

1000V TOOLKIT NO1 (IN TOOL BAG)

Supplied in Mills B72-5811 Junior Tool bag.
Dimensions: 280mm L x 180mm W x 235mm H.

Comprising: 3 popular high voltage 1000V pliers individually tested & insulated to IEC 900 1987 & 6 Screwdrivers conforming to DIN 7437/38.

Comprising:

B72-1002 Tool wallet

F02-1089 Screwdriver 75 x 3mm

F02-1090 Screwdriver 100 x 4mm

F02-1091 Screwdriver 125 x 5.5mm

F02-1093 Screwdriver 150 x 6.5mm

F02-1095 Screwdriver 80 x No.1 crosspoint

F02-1096 Screwdriver 100 x No.2 crosspoint

E00-1442 160mm side cutters

E00-1445 160mm long nose pliers

E00-1440 180mm combination pliers



PART NO.	DESCRIPTION	PRICE
A10-3504	1000V TOOLKIT NO1 (IN TOOL BAG)	43.21

1000V TOOLKIT NO 1 (IN TOOL WALLET)

Supplied in zip round tool wallet incorporating part storage pouch - external dimensions: 345 x 270 x 60mm.

Comprising: 3 popular 1000V high voltage pliers individually tested & insulated to IEC 900 1987 & 6 Screwdrivers conforming to DIN 7437/38.

Comprising:

B72-1604 Tool wallet

F02-1089 Screwdriver 75 x 3mm

F02-1090 Screwdriver 100 x 4mm

F02-1091 Screwdriver 125 x 5.5mm

F02-1093 Screwdriver 150 x 6.5mm

F02-1095 Screwdriver 80 x No.1 Crosspoint

F02-1096 Screwdriver 100 x No.2 Crosspoint

E00-1442 160mm side cutters

E00-1445 160mm long nose pliers

E00-1440 180mm combination pliers



PART NO.	DESCRIPTION	PRICE
A10-3505	1000V TOOLKIT NO 1 (IN TOOL WALLET)	35.95

SMART METER GENERAL TOOLKIT

The Mills Range of Smart Meter Toolkits has been carefully selected and designed in conjunction with the leading energy supply companies. The range covers 6 different toolkits with additional options, for the safe installation of both gas and electrical smart meters and removal of existing legal units.

Comprising:

- B70-8209** Mills Heavy Duty Toolbox
- H72-7381** Pipe Cutter Automatic 15mm
- H72-7378** Pipe Cutter Automatic 28mm
- H72-7379** Pipe Cutter Automatic 22mm
- H72-7382** Spare Wheel for Pipe Slice
- S00-7380** Rothenberger Gas Test
30mb U Gauge Manometer
- E22-6370** ECO Bradawl Chisel End 38mm
- R99-7383** 1/2" cleaning/application Brush
- K70-7869** Mills MasterClass Magnetic
Base Spirit Level 250mm
- S99-7384** Scouring Pad 23cm x 15cm Pk 10
- E22-6373** Mills 5m 16ft. Tape Measure
- J72-9588** Mills Claw Hammer Glass Fibre Shaft 16oz
- N04-1616** Junior Hacksaw Blades Pk of 10
- E22-6585** ECO Mini Saw N63-3005 HSS Twist Drill 3.5mm
- N63-1010** HSS Twist Drill 6mm
- N36-1172** Masonry Drill 5.5 X 85mm
- N36-1173** Masonry Drill 6 X 100mm
- N36-1175** Masonry Drill 7 X 100mm
- N36-7388** Flat Drill Bit 18mm
- N36-7389** Flat Drill Bit 25mm
- N36-7390** Flat Drill Bit 30mm
- N36-5029** 5 Piece SDS Drill Bit Set in Shell Case
- N70-7522** Stanley Plasterboard Saw 150mm 6" 6tpi
- N70-7391** Floorboard / Veneer Saw 325mm 13" 12tpi
- H70-7393** Heavy-Duty RapidGrip® Wrench 350mm (14in)
- H70-7394** Aluminium RapidGrip® Wrench 450mm 18"
- P09-0694** Bosch GMS120 Metal Multi Detector
- N56-1461** Half-Round Second Cut Engineers File 150mm (6in)
- H70-7395** Monument Abrasive Cleaning Strips Pack of 10
- J62-6638** Mills Cold Chisel 60mm with Hand Guard
- F70-7408** Stubby VDE Slim Screwdriver Pozi No.2
- F70-7409** Stubby VDE Slim Screwdriver MOD2
- F70-7410** Stubby VDE Slim Screwdriver Slotted 5.5mm



PART NO.	DESCRIPTION	PRICE
A10-7639	SMART METER GENERAL TOOLKIT	345.00

SMART METER ELECTRICAL ENGINEERS TOOLKIT NO.2

The Mills Range of Smart Meter Toolkits has been carefully selected and designed in conjunction with the leading energy supply companies. The range covers 6 different toolkits with additional options, for the safe installation of both gas and electrical smart meters and removal of existing legal units.

Comprising:

- B70-0600** Mills Utility Tote Tool Bag
- H87-7350** Universal Shroud for Domestic Cut-Outs x3
- H87-7348** Non-Universal Shroud for Domestic Cut-Outs x3
- E12-7531** Mills VDE 1000V Long Nose Plier With Cutter 220mm
- E12-7534** Mills VDE 1000V Combination Pliers with Cutter 190mm
- E12-7532** Mills VDE 1000V Diagonal Cutter 180mm
- H87-7347** Mills VDE 1000V Insulated Cable Shears 200mm
- S70-7362** Scissors 216mm (8.1/2")
- E00-7411** MeterMade 25 Smart Meter Cable Stripping Tool
- E00-7412** MeterMade 16 Smart Meter Cable Stripping Tool
- M99-7576** Mills LED Head Torch
- H87-7346** Inspection Mirror VDE 25mm
- C70-7351** Martindale Elite Digital Fuse Finder FD550
- C70-7353** Martindale BZ101 Buzz-IT Audible Check Plug x2
- C70-7363** Martindale VT7 Single Pole Voltage Indicator
- C70-7364** Martindale PD440 440V AC Proving Unit
- C70-7365** Martindale TC69 VIPD Soft Carry Case
- C70-7360** Martindale TEK100YE Non Contact Voltage Detector
- C70-7311** Drummond MTL20 Test Lamp
- Z00-5000RM** Fire Brigade Master Key Set
- S00-7352** Service Cabinet Key
- S00-7377** Gas / Electric Utility Meter Key
- H87-7349** T Key Insulated 3mm Hexagonal 1000V
- F02-3638** Mills MasterClass Screwdriver Set 1000V VDE Insulated
6 Piece comprising: Slotted 100 x 3.0mm, 100 x 4.0mm, 125 x 5.5mm,
150 x 6.5mm, Pozi® 80mm x No. 1, Pozi® 100mm x No. 2.
- F70-7356** Screwdriver VDE Pozi No.2 x 200mm
- F70-7597** Screwdriver VDE Modulo No.2 6mm x 100mm
- F70-4270** Mills MasterClass Professional Screwdriver
Pozi 250mm x No.2
- H87-7357** Protective Glove Pouch
- H87-7414/8** Leather Overgloves
- H87-6541** 1000V Gloves Class O 36cm - Size 8



PART NO.	DESCRIPTION	PRICE
A10-7635/8	SMART METER ELECTRICAL ENGINEERS TOOLKIT NO.2 - SIZE 8 GLOVES	648.85
A10-7635/9	SMART METER ELECTRICAL ENGINEERS TOOLKIT NO.2 - SIZE 9 GLOVES	648.85
A10-7635/10	SMART METER ELECTRICAL ENGINEERS TOOLKIT NO.2 - SIZE 10 GLOVES	648.85
A10-7635/11	SMART METER ELECTRICAL ENGINEERS TOOLKIT NO.2 - SIZE 11 GLOVES	648.85

GENERAL TOOLING



1000V INSULATED 25 PC TOOL KIT 3/8" DRIVE

A fully insulated (1000V) tool kit designed for working on smart metering installs and maintenance and comprising a comprehensive range of metric 3/8" drive sockets and open ended wrenches to cover fixings from 7 to 22mm as well as screwdrivers, side cutters, pliers, and a knife. Supplied in robust carry case. 25 piece set contains:

1 x Socket 6pt 3/8" Drv 7mm	1 x T Bar Lever 3/8" Sq Drv 200x150mm
1 x Socket 6pt 3/8" Drv 8mm	1 x Open Ended Spanner 7mm
1 x Socket 6pt 3/8" Drv 10mm	1 x Open Ended Spanner 8mm
1 x Socket 6pt 3/8" Drv 12mm	1 x Open Ended Spanner 10mm
1 x Socket 6pt 3/8" Drv 14mm	1 x Open Ended Spanner 12mm
1 x Socket 6pt 3/8" Drv 15mm	1 x Open Ended Spanner 14mm
1 x Socket 6pt 3/8" Drv 17mm	1 x Open Ended Spanner 17mm
1 x Socket 6pt 3/8" Drv 19mm	1 x Cable Knife 200mm integrated safety guard
1 x Socket 6pt 3/8" Drv 22mm	1 x Screwdriver PH1 80 x 175mm
1 x Pliers Combination 180mm	1 x Screwdriver PH2 100 x 210mm
1 x Diagonal Side Cutter 160mm	1 x Screwdriver 5.5 x 125mm
1 x Reversible Ratchet 3/8" Sq Drv	1 x Screwdriver 4.0 x 100mm
1 x Extension Bar 3/8" Drive 125mm	1 x Case 363 x 256 x 115mm Black



PART NO.	DESCRIPTION	PRICE
H87-6505	1000V INSULATED 25 PC TOOL KIT 3/8" DRIVE	422.60

SMART METER BRAZING TOOLKIT

The Mills Range of Smart Meter Toolkits has been carefully selected and designed in conjunction with the leading energy supply companies. The range covers 6 different toolkits with additional options for the safe installation of both gas and electrical smart meters and removal of existing legal units.

Comprising:

- S99-7386** Rothenberger SuperFire 2 Brazing Torch
- S99-7387** MAPP Gas Cylinder for SuperFire 2
- S99-7392** Monument Brazing Mat 12"
- R99-7407** Raaco Storage Tote Box



PART NO.	DESCRIPTION	PRICE
A10-7637	SMART METER BRAZING TOOLKIT	149.30

SMART METER GAS TOOLKIT

The Mills Range of Smart Meter Toolkits has been carefully selected and designed in conjunction with the leading energy supply companies. The range covers 6 different toolkits with additional options for the safe installation of both gas and electrical smart meters and removal of existing legal units.

Comprising:

- B70-0600** Mills Utility Tote Tool Bag
- F70-4286** Nut Driver 10mm
- H70-7368** 8mm Ratchet Combination Spanner
- R99-7369** Temporary Continuity Bond Leads 1.2m x2
- S00-7370** Kneeling Pad
- H70-7372** Gas Meter Union Wrench 3/4" x 1" BS
- H72-6381** Mills 8" Adjustable Wrench
- S00-7373** Shear Bolt Tool
- S00-7374** Regin U Gauge Premier 45 U Gauge Manometer
- S00-7375** Regin U Gauge Fluid x2
- S00-7376** Waterpump Plier 12"
- E70-4259** Waterpump Plier 10"
- S00-7385** Rubber U Gauge Manometer Hose 2m
- C70-7367** Sagab LV50 Volt Stick



PART NO.	DESCRIPTION	PRICE
A10-7636	SMART METER GAS TOOLKIT	308.95





Fibre toolkits to suit every need



Blown Fibre Toolkits

See page 38



Fibre Splicer's Toolkits

See Pages 46-47



Fibre Joiner's Toolkits

See page 45

Fibre Inspection Kits

See page 68-69

Cold Cure Fibre Termination Toolkits

See Pages 57



GENERAL TOOLING



MILLS TECHNICIANS TOOL CASE

Professional smart, stylish technician's case specially designed with the field service engineer in mind.

This lightweight yet hard-wearing briefcase style tool case is manufactured from impact resistant polypropylene combined with a strong aluminium frame.

The case also benefits from a pre-formed, three section base tray, three heavy duty hinges and two anti-burst Travel Sentry Approved toggle locks and is supplied with a comfort grip handle giving the case a carry capacity of up to 30kg.

Features:

- Robust aluminium frame
- Heavy duty comfort grip handle providing 30kg carrying capacity
- 2 x Lockable toggle anti burst Travel Sentry Approved locks supplied with 4 keys
- 3 x Heavy duty rear hinges
- 3 section preformed base tray (450 x 115 x 50mm, 330 x 205 x 50mm, 115 x 205 x 50mm)
- External Dimensions (WxHxD): 480 x 360 x 169mm
- Internal Dimensions (WxHxD): 470mm x 350mm x 160mm
- Overall weight (without tool boards) 3kg
- Carry capacity 30kg

The Mills Technicians Case is available with two toolboard options as follows:

Standard Tool board Option A

Lid side tool pallet with provision for 23 tools of varying sizes.

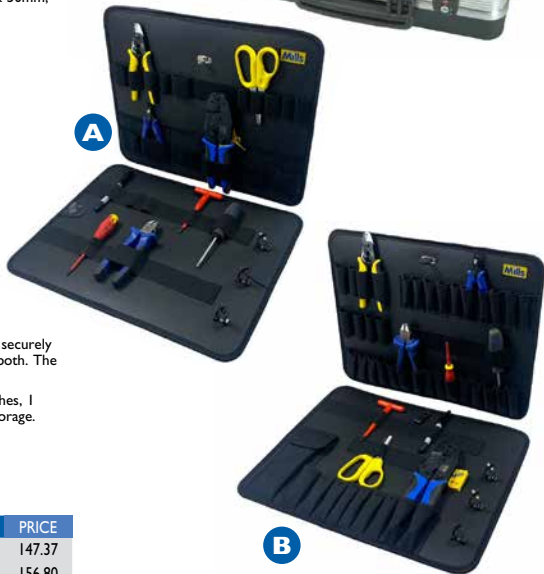
This board has 20 elastic loops and 3 pouches. The rear of the tool board also has a document pouch.

The base board has capacity for a further 23 tools, utilising two elastic straps of varying sizes. This board also has clips and a heatsink for soldering iron storage.

Deluxe Tool board Option B

Lid side tool board comprising 16 elastic loops and 25 pockets to securely accommodate 15 screwdrivers and 14 pliers or a combination of both. The rear of the tool board also has a document pouch.

The base board has 21 elastic straps of varying sizes, 9 open pouches, 1 sealable pouch which has clips and a heatsink for soldering iron storage.



PART NO.	DESCRIPTION	PRICE
B72-0048	MILLS TECHNICIANS CASE WITH STANDARD TOOLBOARD SET A	147.37
B72-0049	MILLS TECHNICIANS CASE WITH STANDARD TOOLBOARD SET B	156.80

LIGHTWEIGHT ABS TOOL CASE

Lightweight yet hard-wearing tool case with ABS shell. Ideal for the mobile technician. The interior includes a removable storage pallet and base tray, with adjustable dividers to suit your requirements. Locking catches provide added security. Supplied with two keys.

External Dimensions: 460 x 350 x 150mm.

Weight: 2kg.



PART NO.	DESCRIPTION	PRICE
B70-6572	LIGHTWEIGHT ABS TOOL CASE	56.04

EXPLORER CASES

Explorer Cases are completely waterproof, airtight, dust-proof, crush-proof, and offer the very best protection for storage and transportation of test equipment to camera/production equipment.

The rugged IP67 sealed cases are constructed from a heavy duty plastic resin, ensuring a tough build quality that can withstand virtually any environment. The cases benefit from an integral neoprene O-ring to ensure an airtight and waterproof seal, heavy duty security pressure locks that can be padlocked.

The cases are supplied as standard with pre-cubed foam allows the user to tailor the insert to their own individual requirement.

- Exceptional resistance to impact, corrosion, water, dust and atmospheric agents in general IP67 Protection rating
- Ergonomic handle and strong pressure locks that can be padlocked
- Airtight O-ring seal, manual pressure release valve, stainless treated metal parts
- 2 man lift side handles
- Ergonomic handle and strong pressure locks that can be padlocked
- Case body is made from thick plastic resin
- Neoprene seal
- Pressure valve quickly adjusts internal pressure in case of sudden changes in height or temperature
- Operating temperature ranging between -33°C and 90°C

Supplied as standard in black, but available in a range of other colours on request.



PART NO.	INTERNAL DIMENSIONS (MM)	EXTERNAL DIMENSIONS (MM)	WEIGHT (KH)	VOLUME (L)	PRICE
B72-2552	276L X 200W X 120D	305L X 270D X 144D	1.83	6.60	97.52
B72-2553	380L X 270W X 180D	410L X 340W X 205D	3.58	18.40	169.49
B72-2554	420L X 300W X 95D	457L X 367W X 118D	2.40	12.00	63.99
B72-2555	445L X 345W X 190D	474L X 415W X 214D	4.70	29.20	230.66
B72-2556	480L X 370W X 205D	520L X 435W X 230D	5.40	35.50	253.80
B72-2558	520L X 285W X 205D	550L X 350W X 225D	4.50	30.30	309.55
B72-2559	580L X 440W X 330D	670L X 510W X 372D	12.65	84.20	500.21
B72-2560	765L X 485W X 305D	860L X 560W X 355D	16.39	113.10	550.08
B72-2562	765L X 485W X 415D	860L X 560W X 460D	18.87	153.90	642.25

MEGAWHEELS

Mobile toolbox with integral wheel and handle system.

- Double wall construction technique
- Resistance to high and low temperature
- Large size scooter type wheels
- Spring loaded soft grip handle
- Shock-proof high density polyethylene body
- Two side locks with keys
- Resistance to corrosive and chemical substances
- Telescopic handle
- Air transportation handling resistant

Supplied with 4 x toolboards, adjustable base tray and 2 x component boxes.



External Dimensions:
453 x 345 x 185mm.
Weight: 7.5kg.
Maximum carry capacity: 30kg



GENERAL
TOOLING

PART NO.	DESCRIPTION	PRICE
B72-7706	MEGAWHEELS	206.74

STANLEY MOBILE WORK CENTRE

- 2 in 1 – separates in seconds into 2 units
- Extra large tool box with removable tote tray
- Giant lower bin ideal for bulky materials and equipment
- Swivel front drawer (carousel) and lid organisers for small parts
- Telescopic handle for easy manoeuvrability
- Large 88lb load capacity
- Heavy duty road tested wheels

Dimensions: 47 x 30 x 63cm.
Load capacity: 40kg (88lbs).



PART NO.	DESCRIPTION	PRICE
B70-3345	STANLEY MOBILE WORK CENTRE	36.85

STANLEY PROFESSIONAL MOBILE TOOL CHEST

- Easy transportation and storage for larger tools and workshop materials
- Extra large nickel plated metal latches
- Transparent polycarbonate organiser in lid - impact resistant
- Soft side pocket organiser
- Removable tote tray
- Removable cups for small accessories storage
- Multi-purpose V-groove on top lid for working with pipes and timber
- Wide telescopic steel handle with soft grip, suitable for use with gloved hands
- Heavy duty road tested wheels

Dimensions: 61.3 x 37.5 x 41.9cm.



PART NO.	DESCRIPTION	PRICE
B70-1242	FATMAX PRO MOBILE TOOL CHEST	48.28



MAGMA MA2632 TECHNICIAN'S TOOL CASE PLUS

Durable polyester construction. Bright red inner lining for easy visibility of stored items.

50 pockets and holders including fold out panels for easy tool access. 100% waterproof and crackproof rubberised base.

Padded handle and shoulder strap for maximum comfort. Padded central compartment fits laptop. Internal document pocket.

Dimensions: 460(W) x 420(H) x 210(D)mm.



TOOLS NOT INCLUDED



PART NO.	DESCRIPTION	PRICE
B72-6994	MAGMA MA2632 TECHNICIAN'S TOOL CASE PLUS	65.66

MAGMA 2630 TECHNICIAN'S TOOL CASE

Durable polyester construction. Bright red inner lining for easy visibility of stored items.

50 pockets and holders including fold out panels for easy tool access. Padded handle and shoulder strap for maximum comfort.

Padded central compartment fits laptop. Internal document pocket.

Dimensions: 460(W) x 330(H) x 210(D)mm.



TOOLS NOT INCLUDED



PART NO.	DESCRIPTION	PRICE
B70-6971	MAGMA 2630 TECHNICIAN'S TOOL CASE	56.74

MAGMA TECHNICIAN'S TOTE BAG MA2633

A large-size carrying tote suitable for storage of any technician's essential tools and equipment with durable polyester design and a foldable protective cover.

The internal section of the tote has a large-size storage area with 27 additional pockets and holders for storage of specific items. For easier access the handle of the tote can also be removed, ensuring it doesn't get in the way when you want quick access to your essential tools. 100% waterproof and crackproof rubberised base.

This case measures 390 x 290 x 300mm (H x W x D).



TOOLS NOT INCLUDED



PART NO.	DESCRIPTION	PRICE
B70-2551	MAGMA TECHNICIAN'S TOTE BAG MA2633	36.88

MAGMA TEST EQUIPMENT CASE MA2638

This case is ideal for use with multifunction testers, multimeters and a wide variety of other electrical test equipment. Adjustable padded compartments inside the case keep all of your test equipment safe, while multiple interior pockets (27 in total) and storage areas are ideal for your test leads, accessories and other equipment you use on a daily basis.

Inside the case you'll also find a highly convenient tool kit storage compartment, complete with straps and pockets for safe, secure storage of your essential tools such as insulated screwdrivers, cutters, hammers and whatever else you find yourself using on a daily basis.

Dimensions: 350 x 240 x 180mm.



TOOLS NOT INCLUDED

PART NO.	DESCRIPTION	PRICE
B72-6991	MAGMA TEST EQUIPMENT CASE MA2638	42.53

GENERAL TOOLING

MILLS HEAVY DUTY INSTALLER'S TOOLBOX

This toolbox is ideal for professional and trade use. Constructed from a combination of tough high impact plastic with heavy duty bright yellow steel body. A pull out inner tote tray allows for storage of smaller items and the lid incorporates a stainless steel groove section which is ideal for resting work, such as pipes or wood, prior to cutting.

The toolbox also benefits from a soft grip handle and can be secured by the use of two double latches and padlock eye. The heavy duty construction of the box also means it can be used as a step.

External dimensions: 570mm (22.5") x 250mm (10") x 220mm (9½").



20kg
Load
Capacity



PART NO.	DESCRIPTION	PRICE
B70-8209	MILLS HEAVY DUTY INSTALLER'S TOOLBOX	21.50

PROFESSIONAL ENGINEER'S HEAVY DUTY TOTE BOX WITH DRAWER

3 compartment open toolbox for storage of tools complete with a drawer for small items and accessories. This burn box is made from polypropylene with a load capacity of 25kg.

Dimensions: Height 230mm x Width 476mm x Depth: 228mm
Weight: 1.82kg



PART NO.	DESCRIPTION	PRICE
R99-7407	PROFESSIONAL ENGINEER'S HEAVY DUTY TOTE BOX WITH DRAWER	23.05

EXTRA HEAVY DUTY TOOLBOX

As used & approved by public utilities. An injection moulded robust toolbox specifically designed for the public utilities & incorporating the following features:

COLOUR
SUBJECT
TO CHANGE

- 2 tool trays
- Heavy duty toggle latch closures
- Steel pinned rear hinges
- Maximum carrying capacity 16kg
- Steel carrying handle
- Integral foam kneeling pad
- External dimensions: 492 x 260 x 250mm



PART NO.	DESCRIPTION	PRICE
B00-7911	EXTRA HEAVY DUTY TOOLBOX	36.33

FATMAX 23" WATERPROOF TOOLBOX

- Constructed of structural foam for extra strength
- Inner tote tray for storage of smaller items
- Integrated V-Groove on top lid for sawing
- Large metal rust proof latches with padlock for locking possibilities
- Dimensions: 590 x 310 x 270mm



PART NO.	DESCRIPTION	PRICE
B70-3347	FATMAX 23" WATERPROOF TOOLBOX	27.86

FATMAX 20" TOOLBOX

- Tall box provides extra height for storage
- Innovative vertical storage unit for better organisation
- Large metal rust proof latches with padlock eye keep tools safe
- 3/4 length tote tray is designed to carry tools and small parts and enables storage of larger tools inside the tool box
- Dimensions: 500 x 290 x 300mm



PART NO.	DESCRIPTION	PRICE
B70-6169	FATMAX 20" TOOLBOX	36.83

MILLS UTILITY TOTE TOOL BAG

Our all new utility tote tool bag, designed in association with the leading communication utility companies. The bag has 12 external sealable pockets, ideal for tools, connectors, test meters and PDA's, together with 3 external tool loops for larger items such as hammers etc. Internally the bag has a further 5 tool pockets and 8 tool loops.

The product benefits from a heavy duty carry handle with comfort grip and is also supplied with a robust shoulder strap.

An overall cover flap prevents spillage, plastic base prevents water ingress. A velcro pad on the cover flap allows the bag to be easily customised with your company logo at little cost.

Dimensions 470 x 300 x 250mm

Features

- 12 external pockets with flaps
- 3 tool loops
- Customisable logo pad
- Carry handle with comfort grip
- Overall cover flap
- Shoulder strap
- 5 internal pockets
- 8 internal tool loops



TOOLS NOT INCLUDED



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PART NO.	DESCRIPTION	PRICE
B70-0600	UTILITY TOTE TOOL BAG WITH COVER	27.46

FATMAX OPEN TOTE BAG 18 INCH

- FatMax Maximum tool protection: with its rigid and waterproof plastic bottom
- Reinforced stress points: industrial leather provides extra strength and carry comfort
- Heavy-duty steel handle with rubber grip: makes lifting more secure and comfortable
- Easy tool access: open structure makes for quick and easy tool access
- Keep everything in place: with the non-slip rubber straps for spirit level storage and large side pocket for cable
- Stay organised: with the internal tool loops, covered compartments, including one with a drill bit holder inside, durable saw storage pocket and steel holder for your measuring tape
- Dimensions 450 x 240 x 360mm



STANLEY
FatMax

PART NO.	DESCRIPTION	PRICE
B70-1241	FATMAX OPEN TOTE TOOL BAG 18"	38.12

FATMAX TOOL BAG

- 20" tool bag made from heavy duty 600 denier fabric with leather reinforcements
- Rigid and waterproof plastic base
- Comfortable rubber grip handle
- Shoulder strap – allows easier carrying of heavy loads
- Interior tool loops
- Dimensions: 490 x 260 x 100mm



TOOLS NOT INCLUDED

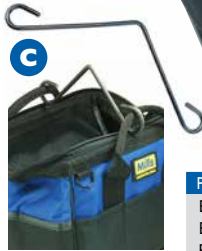
STANLEY
FatMax

PART NO.	DESCRIPTION	PRICE
B70-3349	FATMAX TOOL BAG	35.54

MILLS SUPER-WIDE OPENING TOOL BAGS

High quality multi-pocketed bags complete with shoulder straps and soft sides to not only protect expensive tools and testers but also to prevent damage to customers walls and floors. The bags are available in two sizes:

- A) Standard bag - 430mm L x 245mm W x 280mm H
 B) Junior bag - 280mm L x 180mm W x 235mm H
 C) Mills Tool Bag Lifting Hanger



PART NO.	DESCRIPTION	PRICE
B72-5810	A) STANDARD TOOL BAG	22.11
B72-5811	B) JUNIOR TOOL BAG	17.60
R02-4674	C) MILLS TOOL BAG LIFTING HANGER	5.41

MILLS HEAVY DUTY FIBRE OPTIC TOOLBAG

A specialist tool bag specifically designed for the fibre optic installer which is ideal for carrying all the essential tooling and test equipment for fibre splicing, cleaning and inspection.

The Mills Heavy Duty Fibre Tool Bag features four external pockets, one specifically designed to accept the Mills C00-6408 Sharps Box (available separately). In addition the bag has a further eight internal storage pockets and a carrying strap. Dimensions - 325 x 225 x 185mm (12.5" x 9" x 7.5").



PART NO.	DESCRIPTION	PRICE
B70-6917	MILLS HEAVY DUTY FIBRE OPTIC TOOLBAG	20.55

HI VIS TOOL BAG

Heavy duty Polyester Hi-Vis Toolbag with reflective strips, ideal for the on-site engineer.

The bag has 7 internal pockets, 23 external pockets and benefits from an adjustable shoulder strap.

External dimensions: 600 x 280 x 260mm. Weight: 1.6kg.



PART NO.	DESCRIPTION	PRICE
B72-6628	HI VIS TOOL BAG	26.73

MILLS LARGE TOOL WALLET

A simple zip-up design, with a variety of tool holding loops inside, the Mills tool wallet presents a stylish, neat and organized way to keep your most essential tools to hand. Storage for approximately 33 tools.

External dimensions 345 x 270 x 60mm.



PART NO.	DESCRIPTION	PRICE
B72-0604	MILLS LARGE TOOL WALLET	15.15

LARGE TOOLROLL

Tear-proof fabric tool roll with rubber coated handle and hook and loop closure.

- 20 pouches and 18 elastic strips for proper storage of your tools.
- 2 metal reinforced rings to hang the tool roll on a surface
- Dimensions: 605mm x 540mm
- Weight: 400g

Formerly B72-0605



PART NO.	DESCRIPTION	PRICE
B72-7900	LARGE TOOLROLL	10.95

MILLS TOOL AND LAPTOP CASE

Mills multifunctional tool and laptop case, manufactured in black and dark grey, from a tear resistant fabric.

Features:

- 7 open external padded tool pockets
- 1 open external document pocket
- 1 large external zipped closed pocket containing 8 tool pockets
- 1 large zipped closed fold-out compartment containing 16 tool pockets
- 1 laptop padded internal storage compartment containing 1 document pocket, 2 DVD/CD pockets, 1 lead/cable storage pouch, 2 laptop securing straps
- 2 non-slip rubber feet
- Ergonomic grip carrying handle
- Padded adjustable shoulder carrying strap



External dimensions
410 x 330 x 140mm.

LAP TOP AND TOOLS NOT INCLUDED

PART NO.	DESCRIPTION	PRICE
B72-0658	MILLS TOOL AND LAPTOP CASE	20.55

MILLS WORK AREA PROTECTION MAT

An 850 x 1500mm work area protection mat with a liquid repellent backing for increased protection in the event of a spillage.



PART NO.	DESCRIPTION	PRICE
S00-4729	MILLS WORK AREA PROTECTION MAT	8.28

MILLS PRESENTER

High quality A4 size zip round presenter manufactured from black condura with navy blue leatherette. The presenter has a 1" (25mm) capacity ring binder, zip pouch, 5 credit card pouches and a clear identification pouch.



PART NO.	DESCRIPTION	PRICE
B72-5011	MILLS PRESENTER	8.48

FATMAX TOOL ORGANISER BAG

- Heavy duty portable organizer for convenient transportation of tools
- Easily converted into a work station once opened (A-Frame structure)
- Features comfortable, padded shoulder strap and rubber handle
- Reinforced body - plastic sides protect contents
- Outer storage - outside pockets for storage of most frequently used tools
- High visibility of the tools - on both sides - cover opens outwards providing 100% visibility of contents
- External dimensions: 440 x 390 x 250mm

TOOLS NOT INCLUDED



PART NO.	DESCRIPTION	PRICE
B70-3350	TOOL ORGANISER BAG	45.51

MILLS PLUCK-OUT FOAM CASE

A smart poly propylene presentation and storage with pluck foam, slide catches and 180 degree hinges. The slider locks will accept a small padlock for security if required.

The bottom section of the case is supplied with one x 36mm deep and one x 14mm deep 15mm pluck out foam to allow the case to be customise to securely hold tooling and test equipment.

The lid section of the case has a honeycomb foam on lid to depth of 60mm.

External Dimension:

430 x 315 x 122mm

Internal Dimensions:

422 x 246 x 114mm

Weight 0.9kg



PART NO.	DESCRIPTION	PRICE
B99-3582	MILLS PLUCK-OUT FOAM CASE	19.95

GENERAL TOOLING

MILLS TOOL BACKPACK

Engineer's Backpack with waterproof robust shell base and two internal tool boards comprising pockets, loops and elastic straps allowing for over 40 tools.

The Mills Tool Backpack also has 4 external storage pockets with thick padded shoulder straps for even distribution of weight. The backpack also benefits from an adjustable ID Card Holder and hi visibility reflective banding to all sides of the product.

Dimensions: 370W x 460H x 175D mm



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TOOLS
NOT
INCLUDED

PART NO.	DESCRIPTION	PRICE
B72-6595	MILLS TOOL BACKPACK	51.45

FATMAX BACKPACK

- Constructed from durable 600 x 600 denier fabric
- 50 Pockets / tool holders for a wide variety of tools, including longer tools on the side
- Waterproof plastic bottom protects against moisture and dirt
- Removable dividers system with tool holders is easily detachable
- External Dimensions: 360W x 460H x 270D mm



TOOLS
NOT
INCLUDED



STANLEY
FatMax

PART NO.	DESCRIPTION	PRICE
B70-3351	FATMAX BACKPACK	44.19

MILLS DRILL BIT ROLL

No more rummaging around blindly in the bottom of your tool bag for that drill bit with the new Mills drill bit roll holder. Specifically designed to store and transport drill bits, enabling quick and easy access and identification to the bits inside (bits not included).

Features 12 x 8mm wide pockets, 6 x 15mm deep pockets and 6 x 38mm deep pockets. Secured with three quick-release buckles when rolled up and featuring a carrying handle.



TOOLS
NOT
INCLUDED

PART NO.	DESCRIPTION	PRICE
B70-4505	DRILL BIT ROLL	15.40

MILLS STORAGE POUCH

A handy small storage pouch for tool storage and consumables. The Mills storage pouch measures 300mm x 100mm and is secured with hook and loop fastening strips on three sides.



PART NO.	DESCRIPTION	PRICE
B99-1832	MILLS STORAGE POUCH	16.43

A) MILLS HEAVY DUTY TOOL APRON

Manufactured from heavy grade Cordura style material with robust fully adjustable webbing belt. Features 9 pockets, 3 loops plus hammer ring for efficient organisation also features reflective strips for site safety.

Dimensions: 600 x 255 x 75mm



B) BELT POCKET

A heavy duty tool bag and pouch manufactured for the telecommunication engineer from heavy grade Cordura style material with robust fully adjustable webbing belt.

It features 4 pockets (1 large, 1 medium and 2 small) and is ideal for the storage of hand tools, cleats and consumables. The base and corners of the belt pocket has been reinforced with 2 layers of material.

Dimensions: Width 260mm x Height 375mm
Ref: 058524 / 129466

PART NO.	DESCRIPTION	PRICE
B29-6720	A) MILLS HEAVY DUTY TOOL APRON	16.43
S83-0845	B) BELT POCKET	9.90

A) DEWALT TOOL BELT APRON

The perfect combination of a multi purpose pouch with multiple sized pockets & loops to maximise organisation of tools and small items, a drill holster and a hammer loop. Suitable for left or right handed users Heavy duty leather reinforced belt with 2-pin belt buckle ensuring the belt is secured whilst carrying heavy loads. Also features integrated metal clip tape holder and has large closed zipped pocket suitable for essentials such as wallet, keys and smartphone

Specifications:

- 1200-denier strong durable polyester fabric
- Width: 120 mm
- Depth: 560 mm
- Height: 390 mm



B) DEWALT HEAVY DUTY TOOL BELT NAIL POUCH

The DeWalt Heavy Duty Tool Belt Nail Pouch has multiple size pockets and loops which maximise the organisation for your tools and smaller items. A large zipped pocket is suitable for personal essentials such as wallet, keys and mobile phone.

Specifications:

- Denier: 1200
- Width: 290 mm
- Depth: 180 mm
- Height: 360 mm



C) DEWALT DRILL HOLSTER

The DeWalt Drill Holster features a leather strap and quick-release buckle to hold the drill securely in place and is designed for left or right handed users.

Specifications:

- Denier: 1200
- Width: 170 mm
- Depth: 45 mm
- Height: 305 mm



D) DEWALT HAMMER LOOP

An all-purpose hammer loop by DeWalt which offers storage and ease of access to your hammer whilst on the job.

Specifications:

- Denier: 1200
- Width: 125 mm
- Depth: 70 mm
- Height: 140 mm



E) DEWALT FULL LEATHER BELT

The DeWalt Full Leather Belt is manufactured from high quality heavy duty leather and is perforated to suit waist sizes from 29 to 46". With a width of 2" it is durable to enable the carrying of heavy loads.



PART NO.	DESCRIPTION	PRICE
B29-3494	A) DEWALT TOOL BELT APRON	79.95
B29-3191	B) DEWALT DWST175650 NAIL POUCH	54.73
B29-3223	C) DEWALT DWST175653 DRILL HOLSTER	25.50
B29-3484	D) DEWALT HAMMER LOOP	13.33
B29-3225	E) DEWALT DWST175661 LEATHER BELT	31.95

RAACO HANDYBOX

Raaco's 136242 HandyBox system was designed to enable Assorters to be transported all together. The system allows storage of up to 4 Assorters for easy transportation. The HandyBox comes complete with 2 x Assorter 55 4x8-15 and 2 x Assorter 55 4x8-17.

- Dimensions 310 mm x 376 mm x 265 mm



PART NO.	DESCRIPTION	PRICE
T94-7528	RAACO HANDYBOX 55X4	45.17

SORTMASTER ORGANISER

Unique angled corners accommodate angled tools such as hammers. Removable dividers allow a combination of tools and small parts storage. Special lid structure prevents small parts moving from one compartment to another. Top lid lock keeping contents secure inside.

- Dimensions: 430 x 330 x 90mm.



Fixings not included.

PART NO.	DESCRIPTION	PRICE
B94-3353	SORTMASTER ORGANISER	12.57

FATMAX® SHALLOW PROFESSIONAL ORGANISER

FatMax® Shallow Professional Organiser has 10 removable storage compartments, providing storage for small parts, components or accessories. It is made from transparent polypropylene and features a waterproof seal that not only prevents water, but also rust and foreign particles from entering. It has metal catches.

A plastic handle with textured grip allows the organiser to be moved comfortably. For added versatility, multiple organisers can be clipped together using the side latches for easy transportation.

- Dimensions: 446 x 357 x 74mm Water resistant to IP53



PART NO.	DESCRIPTION	PRICE
B72-7406	SHALLOW PROFESSIONAL ORGANISER	18.23

FATMAX DEEP PRO ORGANISER**Features:**

- 12 removable storage compartments for small parts
- Waterproof seal protects the contents from rust and foreign particles
- Polypropylene lid that is virtually unbreakable
- Metal latches provide additional strength and improve loading capabilities
- Side latches allow multiple organisers to be clipped together for easy transportation
- Unique lid design locks all compartments in place

Dimensions:
450 x 360 x 120mm.



Fixings not included.

PART NO.	DESCRIPTION	PRICE
B94-2889	DEEP PRO ORGANISER	22.88

RAACO ASSORTER PARTS BOXES (SMALL)

High Quality Raaco Assorter Boxes fitted with sliding lock. Made of polypropylene (PP).

- Made of high impact polypropylene • Sliding locks secure the lid • Lid attached by three unbreakable hinges
- Clear lid making contents visible • Made in Denmark

A



A) Raaco Assorter 6-7 136136.

B



B) Raaco Assorter 5-9 136150.

C



C) Raaco Assorter 6-12 136143

PART NO.	DESCRIPTION	PRICE
T94-1119	A) 7 COMPARTMENT PARTS BOX DIMENSIONS: 175 X 145 X 32MM	4.65
T94-1120	B) 9 COMPARTMENT PARTS BOX DIMENSIONS: 240 X 195 X 43MM	7.76
T94-1121	C) 12 COMPARTMENT PARTS BOX DIMENSIONS: 175 X 143 X 32MM	5.75

RAACO ASSORTER PARTS BOXES (MEDIUM)

High Quality Raaco Assorter Boxes fitted with sliding locks. Made of polypropylene (PP).

- Made of high impact polypropylene
- Sliding locks secure the lid
- Lid attached by three unbreakable hinges
- Clear lid making contents visible
- Made in Denmark

Available in 3 sizes.

A) Raaco 136167 Assorter. With 18 fixed compartments. Fitted with sliding locks. Made of polypropylene (PP).

- Height 43 mm
- Width 240 mm
- Depth 195 mm

A



B



B) Raaco 136174 Assorter. With 15 fixed compartments. Fitted with sliding locks. Made of polypropylene (PP).

- Weight 0.305 kg
- Height 57 mm
- Width 338 mm
- Depth 260 mm

C



C) Raaco 136181 Assorter. With 32 fixed compartments. Fitted with sliding locks. Made of polypropylene (PP).

- Height 57 mm
- Width 338 mm
- Depth 260 mm

PART NO.	DESCRIPTION	PRICE
T94-7525	A) RAACO ASSORTER 5-18 PARTS BOX	7.76
T94-7526	B) RAACO ASSORTER 4-15 PARTS BOX	10.69
T94-7527	C) RAACO ASSORTER 4-32 PARTS BOX	10.69

RAACO CARRYLITE PARTS BOXES (LARGE)

A) Raaco 143615 compartment box. With 16 inserts. The box is fitted with 2 sliding locks and handle, made of polypropylene with a strong polycarbonate lid.

- Dimensions 57 x 337 x 278mm

A



B



B) Raaco 143608 compartment box. With 9 inserts. The box is fitted with 2 sliding locks and handle, made of polypropylene with a strong polycarbonate lid.

- Dimensions 79 x 337 x 278mm

PART NO.	DESCRIPTION	PRICE
T94-7529	A) RAACO CARRYLITE 55 4X8-16	22.81
T94-7530	B) RAACO CARRYLITE 80 4X8-9	24.72

GENERAL TOOLING

ATTACHED LID BOXES**Features:**

- Wide, comfortable hand grips
- Colour green
- Card label holders on both ends
- Reinforced base - ideal for use on all types of conveyor
- Capacity 50 litre
- External dimensions L 600 x W 400 x H 320mm

PART NO.	DESCRIPTION	PRICE
B00-3008	ATTACHED LID BOXES	17.27

TOTE CONTAINERS

A) Large empty Tote container c/w carry handles 600 x 400 x 220mm.
Available with optional loose lid if required.



B) Mid size Tote container 600 x 400 x 118mm, supplied c/w hinged lid and Inner boxes as follows:

- 1 x insert bin 277 x 177 x 99mm
- 12 x insert bins 139 x 89 x 99mm

PART NO.	DESCRIPTION	PRICE
B70-0067	(A) LARGE EMPTY TOTE CONTAINER	20.60
B70-0378	(A) OPTIONAL LID FOR ABOVE (B70-0067)	9.09
B70-0068	(B) MID SIZE TOTE C/W INSERTS AND LID	70.92

For a comprehensive range of Attached Lid Containers, Stacking Containers, Folding Containers, Nesting Containers & Picking Containers please call sales.



FOLDING TROLLEY

Constructed from lightweight aluminium and plastic with extendable back, folding anti-slip surface foot-iron and wheels. Designed with quick release button for easy handle extension.

- A) Standard model (390mm width, 430mm length, 50kg capacity).
- B) Large model (490mm width, 490mm length, 125kg capacity) Features elasticated load retaining strap.



PART NO.	DESCRIPTION	PRICE
B99-2004	A) STANDARD TOE FOLDING TROLLEY	90.27
B99-2005	B) LARGE TOE FOLDING TROLLEY	112.00

STAIR CLIMBER TROLLEY

200kg capacity heavy duty steel frame 6-rubber wheel stair climbing sack truck/trolley cart with folding toe.

Specifications:

- Dimensions approx: 255 x 185 x 455mm (L x W x H)
- Folded: 17 x 18.5 x 35"
- Steel centered pneumatic 6.3" wheels
- Bearing plate: Approx. 12 x 12"
- Weight: 17.2kg



PART NO.	DESCRIPTION	PRICE
B99-4734	STAIR CLIMBER TROLLEY	66.90

ROLLING TRANSPORT DOLLY

Transport Dolly provides an easy and convenient way of transporting heavy and bulky items on site, in the office or at home. It is lightweight and small with an integrated handle that allows it to be easily carried and stored away.



Technical Specs:
Loading capacity: 200kg
Size: 580 x 290 x 18mm

PART NO.	DESCRIPTION	PRICE
B99-3584	ROLLING TRANSPORT DOLLY	16.41

MINI FOLDING HAND TRUCK

Lightweight steel frame holds up to 45kg. Folds compactly for ease of storage. Toe plate and wheels open simultaneously.

Specifications:

- Steel frame with PP wheel
- Aluminium toe plate
- Folded Dims: 390 x 55 x 700mm
- Open Dims: 390 x 375 x 950mm
- Max load: 45kg



PART NO.	DESCRIPTION	PRICE
B99-0301	FOLDING HAND TRUCK	24.57

HEAVY DUTY SACK TRUCK

High quality tubular steel frame with pneumatic tyres and hand grips on handles.

Specifications:

- Maximum capacity: 250kg
- Toe plate size: 253 x 355mm
- Toe plate thickness: 4mm
- Unladen weight: 11kg
- Overall size: 1220 x 530 x 487mm (L x W x H)



PART NO.	DESCRIPTION	PRICE
B99-6550	3 IN 1 HEAVY DUTY SACK TRUCK	102.95

GENERAL TOOLING

MILLS MASTERCLASS CHROME VANADIUM PLIERS AND CUTTERS

Professional quality, drop forged from chrome vanadium steel, hardened and tempered with additionally induction hardened cutting edges. Lacquered finish for corrosion protection and bi-material "Energy grip" handles for better control, grip and added comfort.

Supplied with Lifetime guarantee.

Available in 160mm Combination, 160mm Long Nose and 160mm Side Cutter.



**Mills
MASTER
CLASS**
As good as it gets

LIFETIME
GUARANTEE

PART NO.	DESCRIPTION	PRICE
E70-4253	A) 6" (160MM) COMBINATION PLIER	10.05
E70-4255	B) 6" (160MM) SIDE CUTTER	9.83
E70-4257	C) 6" (160MM) LONG NOSE PLIER	9.98

3PC MILLS PLIER SET

Comprising:

E70-4253 6" (160mm)
Combination Plier

E70-4255 6" (160mm)
Side Cutters

E70-4257 6" (160mm)
Long Nose Pliers

**Mills
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CLASS**
As good as it gets

LIFETIME
GUARANTEE



PART NO.	DESCRIPTION	PRICE
E70-4260	3PC MILLS PLIER SET	28.49

MILLS 10" (250MM) SLIP JOINT PLIER

With bi-material "Energy Grip" handles for better control, grip and comfort - specially machined adjustment serrations provide extra strength and non-slip performance when tool is under pressure. Supplied with Lifetime Guarantee.

**Mills
MASTER
CLASS**
As good as it gets



LIFETIME
GUARANTEE

PART NO.	DESCRIPTION	PRICE
E70-4259	MILLS 10" (250MM) SLIP JOINT PLIER	13.27

MILLS 6" (150MM) END WIRE STRIPPER NO.2

With bi-material "Energy Grip" handles for more control and comfort and hardened cutting edges.
Stripping capacity from 0.6 - 10mm².

**Mills
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CLASS**
As good as it gets

LIFETIME
GUARANTEE



PART NO.	DESCRIPTION	PRICE
E70-4265	END WIRE STRIPPER 0.6-10MM ²	10.16

MILLS MASTER CLASS

Within our tooling section, you'll find many items bearing the MILLS MASTERCLASS GUARANTEE.

These tools will give a LIFETIME'S SERVICE. Should any product fail to give complete satisfaction or break during normal usage, simply return it to us for immediate replacement.

**Mills
MASTER
CLASS**
As good as it gets



ECO-TOOLS PLIERS & CUTTERS

Engineering grade chrome vanadium pliers and side cutters with induction hardened cutting edges. The pliers also benefit from bi-material comfort grip handles for greater leverage and suitability for repetitive use.



PART NO.	DESCRIPTION	PRICE
E22-6396	A) ECO COMBINATION PLIER 6" 150MM	4.07
E22-6397	B) ECO SIDE CUTTER 6" 150MM	4.07

ECO-TOOLS 125MM FLUSH CUTTERS

A forged 125mm (5") high quality flush cutter ideal for cutting nylon cable ties and copper wire up to a diameter of 1mm (18SWG). This side cutter has a return spring to assist with repetitive cutting applications.

The nipper has a polished head and blue PVC dipped handles.

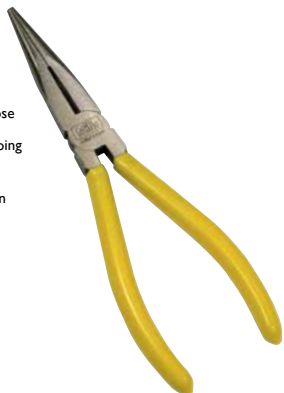


PART NO.	DESCRIPTION	PRICE
E72-0617	MILLS FLUSH CUTTER 125 MM	6.13

MILLS SPECIALIST TELECOMS PLIER WIRING 5 (81'S)

Mills Plier Wiring No 5 (81's) -160mm Specialist Telecommunication Snipe Nose Plier with serrated jaws, and combining a cutting and stripping edge for 0.5mm conductors.

Manufactured from Chrome Vanadium Steel with induction hardened cutting edges and yellow PVC dipped handles.



PART NO.	DESCRIPTION	PRICE
E12-6159	MILLS PLIERS WIRING 5	6.39

MILLS SPECIALIST TELECOMS SIDE CUTTERS DIAGONAL

Manufactured from Chrome Vanadium Steel with induction hardened cutting edges and yellow PVC dipped handles.

A) A high leverage nipper, ideally suited for cutting small telco cables with reinforcing and catenary wire. Length: 140mm

Formerly E12-6162.
Ref: 122360.

B) 160mm specialist telecommunication nipper for soft and hard wire up to 2.5mm diameter.

Manufactured from Chrome Vanadium Steel with induction hardened cutting edges and yellow PVC dipped handles.
Formerly E12-6163.

Ref: 127405.

C) Ideal for telecom engineers and designed specifically to cut through Kevlar and steel wire reinforced fibre optic drop cables (including slippery fish and other hybrid cables) in one simple movement with just this one tool. This unique 160mm length diagonal side cutter is dropped forged from Chrome Vanadium Steel combined with Tungsten Alloy and benefits from a special high frequency induction hardened edge.



PART NO.	DESCRIPTION	PRICE
E12-0364	A) MILLS HEAVY DUTY SIDE CUTTER DIAGONAL 140MM	11.28
E12-0365	B) MILLS SPECIALIST TELECOMS SIDE CUTTERS DIAGONAL 160MM	13.34
E00-6885	C) MILLS ALL-IN-ONE FIBRE CABLE & KEVLAR CUTTER	19.52

MILLS STRIPPER WIRE NO. 2

Specialist adjustable precision wire stripping plier for stripping single, multiple and fine stranded conductors.

Suitable for stripping wire diameters 0-5mm (0 - 10mm²) using the adjustable screw and lock nut feature.

Manufactured from Chrome Vanadium Steel with induction hardened cutting edges and featuring yellow PVC dipped handles.



PART NO.	DESCRIPTION	PRICE
E12-6160	MILLS STRIPPERS WIRE NO.2	11.62

GENERAL TOOLING



MILLS MASTERCLASS 1000V VDE 6" (160MM) 3 PIECE PLIER SET

Mills MasterClass 3 piece 160mm 1000v High Voltage insulated plier set manufactured to IEC 900 1987 or DIN IEC 78 (Co) II VDE 0680/201.

Comprising:

- E00-3647 6" (160mm) Combination Plier
- E00-3649 6" (160mm) Side Cutter
- E00-3652 6" (160mm) Long Nose Plier



PART NO.	DESCRIPTION	PRICE
E00-3646	1000V VDE 6" (160MM) 3 PIECE PLIER SET	21.43

INSULATED VDE COMBINATION PLIERS 200MM

Special steel hardened and tempered with cutting edges separately induction hardened.

Ergonomic handle provides improved performance while each high voltage plier is individually tested to 10,000V for safe 1000V AC or 1500V DC live line working.

Cut Hard Wire Diameter: 2.8mm.

Cut Med/Hard Wire Diameter: 3.0mm.

Length: 200mm.



PART NO.	DESCRIPTION	PRICE
E00-7359	INSULATED VDE COMBINATION PLIERS 200MM	18.84

MILLS MASTERCLASS 1000V VDE 6" (160MM) LONG NOSE PLIERS

6 Inch 1000V High Voltage insulated long nose plier to IEC 900 1987 or DIN IEC 78 (CO) II VDE 0680/201

This is a Mills MasterClass product and therefore benefits from the Mills MasterClass lifetime guarantee. In the unlikely event of any MasterClass product breaking during normal usage or failing to give complete satisfaction we will issue an immediate free replacement.



PART NO.	DESCRIPTION	PRICE
E00-3652	1000V VDE 6" (160MM) LONG NOSE PLIERS	6.44

INSULATED VDE SLIMLINE LONG NOSE PLIERS 200MM

Special steel hardened and tempered with cutting edges separately induction hardened.

Ergonomic handle provides improved performance while each high voltage plier is individually tested to 10,000V for safe 1000V AC or 1500V DC live line working.

Manufactured to DIN Standard and individually certified to EN 60900.



PART NO.	DESCRIPTION	PRICE
E00-7358	INSULATED VDE SLIMLINE LONG NOSE PLIERS 200MM	21.70

MILLS MASTERCLASS 1000V VDE 6" (160MM) SIDE CUTTER

6 Inch 1000V High Voltage insulated side cutter to IEC 900 1987 or DIN IEC 78 (CO) II VDE 0680/201

This is a Mills MasterClass product and therefore benefits from the Mills MasterClass lifetime guarantee. In the unlikely event of any MasterClass product breaking during normal usage or failing to give complete satisfaction we will issue an immediate free replacement.



PART NO.	DESCRIPTION	PRICE
E00-3649	1000V VDE 6" (160MM) SIDE CUTTER	6.71

DIAGONAL SIDE CUTTER 160MM 1000V INSULATED

Professional grade cutter. Insulated according to IEC 60900, usable up to 1000V AC/1500 V DC available in 160mm and 180mm lengths.



PART NO.	DESCRIPTION	PRICE
H87-6474	DIAGONAL SIDE CUTTER 160MM 1000V INSULATED	24.17
H87-6475	DIAGONAL SIDE CUTTER 180MM 1000V INSULATED	25.49

MILLS MASTERCLASS 1000V VDE 6" (160MM) COMBINATION PLIERS

Mills 6" 1000V High Voltage insulated plier to IEC 900 1987 or DIN IEC 78 (CO) II VDE 0680/201.

This is a Mills MasterClass product and therefore benefits from the Mills MasterClass lifetime guarantee. In the unlikely event of any MasterClass product breaking during normal usage or failing to give complete satisfaction we will issue an immediate free replacement.



PART NO.	DESCRIPTION	PRICE
E00-3647	1000V VDE 6" (160MM) COMBINATION PLIERS	8.29

PLIERS END WIRE STRIPPING 165MM LONG 1000V INSULATED

- End Wire Stripper - 165mm long.
- High Voltage Fully Insulated.
- With fine adjustment screw
- Made of tempered steel
- Polished chrome head
- For solid and stranded conductors of up to Ø 5mm
- Tested to EN/IEC 60900:2012



PART NO.	DESCRIPTION	PRICE
H87-6480	PLIERS END WIRE STRIPPING 165MM LONG 1000V INSULATED	27.18

MILLS VDE 1000V LONG NOSE PLIER WITH CUTTER 220MM



The ergonomic 25° angled head and high voltage handles provide a natural extension of the hand for much greater work area viewing and increased performance.

The high leverage joint provides 30% more grip and cutting power and the integrated opening spring helps avoid fatigue when in repetitive use.

PART NO.	DESCRIPTION	PRICE
E12-7531	1000V LONG NOSE PLIER WITH CUTTER 220MM	24.57

MILLS VDE 1000V COMBINATION PLIERS WITH CUTTER 190MM



Ergonomic angled head and high voltage handles provide much greater work area viewing and increased performance. The high leverage joint provides 30% more grip and cutting power, and the integrated opening spring helps avoid fatigue when in repetitive use.

PART NO.	DESCRIPTION	PRICE
E12-7534	1000V COMBINATION PLIERS WITH CUTTER 190MM	22.03

1000V INSULATED CABLE CUTTERS FOR COPPER/ALUMINIUM

1000V Insulated professional grade cutters and croppers, insulated according to IEC 60900, usable up to 1000V AC/1500V DC for copper and aluminium.

A) For cutting and stripping cable before the lug is applied. For soft stranded cables up to 35mm².

B) For cutting stranded and multi-fine wire conductors. For cables up to 15mm² in a single cut or 18mm² in two stages.

C) For cutting and stripping cable before the lug is applied. For cables up to 50mm².

D) For cutting cables up to 20mm² in a single cut and 25mm² in two stages.

E) For cutting cables up to 75mm².

F) Category 'C', -40°C to +70°C. Size: 200mm (8in).

G) For copper single conductors up to 16 mm², multiple stranded wires up to 50mm², fine stranded up to 70mm² and aluminium conductors multiple stranded wires up to 70mm².

• Tested to EN/IEC 60900:2012



PART NO.	DESCRIPTION	PRICE
H87-6469	A) 1000V STRANDED CABLE CUTTER UP TO 35MM ²	31.54
H87-6470	B) 1000V STRANDED CABLE CUTTER UP TO 18MM ²	37.87
H87-6471	C) 1000V CABLE CUTTER UP TO 50MM ²	66.42
H87-6472	D) 1000V CABLE CUTTER UP TO 25MM ²	52.24
H87-6473	E) 1000V CABLE CUTTER UP TO 75MM ²	32.65
H84-1975	F) INSULATED CABLE CROPPERS	31.40
S83-2003	G) KNIPEX VDE/1000V INSULATED 230 MM CABLE SHEARS	62.00

MILLS VDE 1000V INSULATED CABLE SHEARS 200MM



Ergonomic angled head and high voltage handles provide much greater work area viewing and increased performance. With a high leverage joint providing 30% more cutting power and with integrated opening spring avoiding fatigue when in repetitive use.

Perfect for cutting 16mm² and 10mm² earth cable; 6mm² and 10mm² twin and earth cable and 25mm² meter tails (connecting into consumer power units).

PART NO.	DESCRIPTION	PRICE
E87-7665	1000V INSULATED CABLE SHEARS 200MM	POA

MILLS VDE 1000V MULTIFUNCTION DIAGONAL CUTTER 180MM



Electrician's universal tool for electrical wiring, cutting, stripping, shearing, crimping and bending of loops.

PART NO.	DESCRIPTION	PRICE
E12-7533	MILLS VDE 1000V MULTIFUNCTION DIAGONAL CUTTER 180MM	27.33

MILLS VDE 1000V DIAGONAL CUTTER 180MM



Ergonomic angled head and high voltage handles provide much greater work area viewing and increased performance. With a high leverage joint providing 30% more cutting power and with integrated opening spring avoiding fatigue when in repetitive use.

PART NO.	DESCRIPTION	PRICE
E12-7532	MILLS VDE 1000V DIAGONAL CUTTER 180MM	23.24

GENERAL TOOLING



MILLS MASTERCLASS PRECISION BEVEL EDGE SIDE CUTTERS 115MM

115mm Box Jointed Bevel Edge Precision Side Cutter with return spring for conductors up to 1.3mm. Manufactured from Chrome Vanadium Steel with induction hardened cutting edges with comfort grip bi-material handles.



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PART NO.	DESCRIPTION	PRICE
E12-6164	PRECISION BEVEL EDGE SIDE CUTTERS 115MM	14.84

MILLS MASTERCLASS PRECISION FLUSH CUTTING SIDE CUTTER 115MM

115mm Box Jointed High Access Flush Cutting Precision Side Cutter with return spring for conductors up to 1.3mm. Manufactured from Chrome Vanadium Steel with induction hardened cutting edges with comfort grip bi-material handles.



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PART NO.	DESCRIPTION	PRICE
E12-6165	PRECISION FLUSH SIDE CUTTERS 115MM	16.57

MILLS MASTERCLASS PRECISION SNIPE NOSE PLIER 120MM

120mm Box Jointed Precision Snipe Nose Pliers with return spring and smooth jaw. Manufactured from Chrome Vanadium Steel with induction hardened cutting edges with comfort grip bi-material handles.



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PART NO.	DESCRIPTION	PRICE
E12-6166	PRECISION SNIPE NOSE PLIER 120MM	15.87

MILLS MASTERCLASS PRECISION SNIPE NOSE PLIER 140MM

140mm Box Jointed Precision Snipe Nose Pliers with return spring and smooth jaw. Manufactured from Chrome Vanadium Steel with induction hardened cutting edges with comfort grip bi-material handles.



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PART NO.	DESCRIPTION	PRICE
E12-6167	PRECISION SNIPE NOSE PLIER 140MM	16.22

ECO TOOLS MINI SIDE CUTTER 115MM

115mm (4 1/2") cost-effective miniature side cutting plier, ideal for cutting of small copper conductors up to a diameter of 1mm. The side cutting snips have bi material grips and return springs for repetitive tasks.

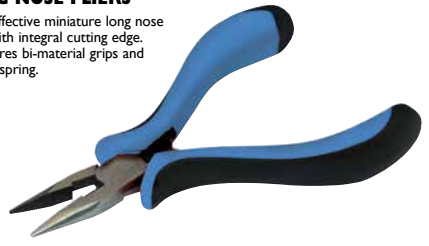


ECO-TOOLS

PART NO.	DESCRIPTION	PRICE
E22-6386	ECO TOOLS MINI SIDE CUTTER 115MM	4.07

130MM ECONOMY MINI LONG NOSE PLIERS

Cost-effective miniature long nose plier with integral cutting edge. It features bi-material grips and return spring.



PART NO.	DESCRIPTION	PRICE
E12-3356	SNIPE NOSE PLIERS - 130MM (5 1/4")	2.99

LINDSTROM 110MM FLUSH CUTTERS

Manufactured from high quality European tool steel. Ideal for wire harness work and standard printed circuit board assembly. These flush cutting pliers have a cutting capacity of 1.25mm copper wire and are 110mm in length.

Precision induction hardened edges. Flush bevel.



LINDSTROM
PRECISION TOOLS

PART NO.	DESCRIPTION	PRICE
E12-3354	LINDSTROM 8141 MINI TAPERED DIAGONAL CUTTERS	43.21

KNIPEX ELECTRONIC SUPER KNIPS OPTICAL FIBRE 125MM

The Knipex electronic Super Knips are top quality precision pliers for ultra fine cutting work, in electronics and fine mechanics, ideal for cutting close sitting wire from 0.2mm diameter.

Jointed with a stainless steel rivet for added strength and easy movement, they have cutting edges which are additionally induction hardened for durability and longer life.



PART NO.	DESCRIPTION	PRICE
S83-2540	KNIPEX ELECTRONIC OPTICAL FIBRE 125MM	24.58

ERGO UNIVERSAL STRIPPER

3 in 1 pistol design, providing easy stripping and longitudinal cutting of wire sheaths. The built-in stripping device enables easy cross section stripping on 0.2, 0.3, 0.8, 1.5, 2.5 and 4mm wires and cables. Fitted with a conical tip enabling easier access in confined areas.



PART NO.	DESCRIPTION	PRICE
T18-0009	ERGO UNIVERSAL STRIPPER	37.23

SELF ADJUSTING CUTTER STRIPPERS

These innovative designs use precision carbon steel laminated stripping blades that automatically form around the insulation to provide quick and accurate safe stripping. The sliding wire-stops are easily adjusted to preset exact strip lengths and the integral wire/cable cutters are shielded for safety.

A) Minim 2.5 Self Adjusting Cutter Stripper.

For PVC insulated wires and cables 0.08mm² (30AWG) to 2.5mm² (13AWG).

B) Maxim 6 Self Adjusting Cutter Stripper.

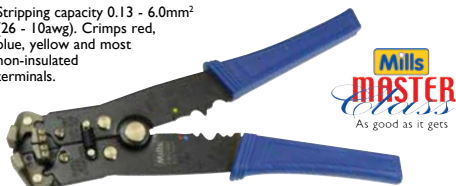
For PVC insulated wires and cables 0.2mm² (24AWG) to 6.0mm² (10AWG).



PART NO.	DESCRIPTION	PRICE
E70-6114	A) MINIM 2.5 SELF ADJUSTING CUTTER STRIPPER	24.67
E70-6115	B) MAXIM 6 SELF ADJUSTING CUTTER STRIPPER	33.48

MILLS MASTERCLASS MULTIPURPOSE TOOL FOR CUTTING, CRIMPING AND STRIPPING

Stripping capacity 0.13 - 6.0mm² (26 - 10awg). Crimps red, blue, yellow and most non-insulated terminals.



PART NO.	DESCRIPTION	PRICE
E21-1421	STRIPPER/CRIMPER 0.13-6.0MM2	11.85

PLIERS END WIRE STRIPPING 165MM LONG 1000V INSULATED

- End Wire Stripper - 165mm long.
- High Voltage Fully Insulated.
- With fine adjustment screw.
- Made of tempered steel.
- Polished chrome head.
- For solid and stranded conductors of up to Ø 5mm.
- Tested to EN/IEC 60900:2012.



PART NO.	DESCRIPTION	PRICE
H87-6480	PLIERS END WIRE STRIPPING 165MM LONG 1000V INSULATED	27.18

METERMADE SMART METER CABLE STRIPPING TOOLS

Much faster than conventional tools, this high quality precise stripper strips first time, every time. Easy to use in poorly lit and confined spaces, it enables experienced or inexperienced workers to quickly and safely replicate the ideal strip. Simply slide a switch to change strip dimensions. Hidden blades eliminate the risk of accidental injury and provide a sensible alternative to knives.

A) For cable size 16mm².

B) For cable size 25mm².



PART NO.	DESCRIPTION	PRICE
E00-7412	A) METERMADE 16 SMART METER CABLE STRIPPING TOOL	27.30
E00-7411	B) METERMADE 25 SMART METER CABLE STRIPPING TOOL	27.30

VERSATILE WIRE STRIPPER

Wire stripper with seven individual stripping stations: 0.5, 0.75, 1.0, 1.5, 2.5, 4.0 and 6.0mm². Comfort grip handles with return spring – overall length 160mm



PART NO.	DESCRIPTION	PRICE
E02-1010	VERSATILE WIRE STRIPPER	8.17

MILLS AUTOMATIC WIRE STRIPPER

Ideal for the fast and clean removal of insulation.

Automatic clamping action & length gauge. Facility ensures stripped ends are uniformly stripped. Blades are accurately notched and honed to strip four insulation diameters.



PART NO.	DESCRIPTION	PRICE
E72-3007	MILLS AUTOMATIC WIRE STRIPPER 1.0-3.2MM	16.25

A) MILLS STRIPPERS WIRE NO.2

Specialist adjustable precision wire stripping plier for stripping single, multiple and fine stranded conductors. Suitable for stripping wire diameters 0-5mm (0 - 10mm²) using the adjustable screw and lock nut feature. Manufactured from Chrome Vanadium Steel with induction hardened cutting edges and featuring yellow PVC dipped handles.



B) MILLS 6" (150MM) END WIRE STRIPPER NO.2

With bi-material "Energy Grip" handles for more control and comfort and hardened cutting edges. Stripping capacity from 0.6 - 10mm².



PART NO.	DESCRIPTION	PRICE
E12-6160	A) MILLS STRIPPERS WIRE NO.2	11.62
E70-4265	B) END WIRE STRIPPER 0.6-10MM ²	10.16

GENERAL TOOLING



MILLS MASTERCLASS RATCHET CRIMP TOOL

Mills precision ratchet crimper for red, blue and yellow pre insulated crimps. Benefiting from a full cycle ratchet action for a more secure crimp. Comfort grip bi material handles for repetitive operation. Overall length 225mm.



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PART NO.	DESCRIPTION	PRICE
E66-1325/BOM	MILLS MASTERCLASS RATCHET CRIMP TOOL	19.26

PRO RATCHET CRIMPING TOOL

Pro ratchet crimp tool, designed for use with butt splice connectors, copper tube and open end terminals. Supports wire size range of 0.3 to 16 mm² and has a ratchet incorporated into the design of the tool that will not release until the dies are fully closed ensuring full crimping is achieved.



PART NO.	DESCRIPTION	PRICE
T18-0011	A) PRO RATCHET CRIMPING TOOL	41.83
E14-2079	B) UNINSULATED TUBULAR RING TERMINAL, M6 STUD SIZE TO 6MM ² WIRE SIZE PK25	4.73
E14-2080	C) UNINSULATED TUBULAR RING TERMINAL, M6 STUD SIZE TO 10MM ² WIRE SIZE PK25	6.68

UNINSULATED CRIMP TOOL 6-25MM

Hand ratchet tool to indent crimp non-insulated terminals 6, 10, 16 and 25mm². Length: 350mm Weight: 0.7kg.



PART NO.	DESCRIPTION	PRICE
E00-4461	UNINSULATED CRIMP TOOL 6-25MM	30.90

HYDRAULIC CRIMP TOOL KIT 4-70MM²

Heavy duty 8 ton hydraulic crimper supplied in blow moulded case with 8 dies to cover 4, 6, 10, 16, 25, 35, 50, and 70mm² non-insulated terminal lugs.



PART NO.	DESCRIPTION	PRICE
E14-6923	HYDRAULIC CRIMP TOOL KIT 4-70MM ²	130.76

ECONOMY 271 PIECE CRIMPING TOOL SET

A crimp tool set comprising:

- Hardened, pressed steel crimp tool
- 100 x Red assorted connectors
- 100 x Blue assorted connectors
- 25 x Red cable ties
- 25 x Blue cable ties
- 20 x Green twist ties

Wire stripping range: 0.75, 1.0, 1.5, 2.5, 4.0 and 6.0mm². Insulated and non-insulated terminal crimping range 1.5, 2.5 and 6mm². Bolt size guide M2.6, 3.0, 3.5, 4 and 5.



PART NO.	DESCRIPTION	PRICE
E14-2005	271 PIECE CRIMP TOOL SET	11.05

630 PIECE TERMINAL KIT

A crimp kit ideal for service and maintenance applications. Features a total of 630 components - 590 insulated terminals in 20 popular styles and 40 cable ties.

Kit includes 20 of 100 x 2.5mm and 20 of 200 x 4.6mm cable ties.

Housed in a rugged steel box with drop down handle. Includes ratchet tool and cable tie cutter.



PART NO.	DESCRIPTION	PRICE
E14-3358	630 PIECE TERMINAL KIT	56.01

CK T2250 ARMOURSLEEVE SWA CABLE STRIPPER

The T2250 scores armour strands to a uniform depth for a clean break off and trouble free gland connection. Automatic cable clamp applies constant pressure throughout the cut with no retightening necessary. Wide cable clamp ensures perfect blade to cable alignment for precise cuts. Rugged all-metal construction with integrated spare blade holder. Perfect results on cables from 12mm up to 36mmØ. 50% faster than conventional SWA stripping methods.



PART NO.	DESCRIPTION	PRICE
E00-6993	CK T2250 ARMOURSLEEVE SWA CABLE STRIPPER	46.27

KNIPEX ERGOSTRIP UNIVERSAL STRIPPING TOOL

3 in 1 pistol design, providing easy stripping and longitudinal cutting of wire sheaths. The built-in stripping device enables easy cross section stripping on 0.2, 0.3, 0.8, 1.5, 2.5 and 4mm wires and cables. Fitted with a conical tip enabling easier access in confined areas.



PART NO.	DESCRIPTION	PRICE
T18-0009	KNIPEX ERGOSTRIP UNIVERSAL STRIPPING TOOL	36.15

MILLS MASTERCLASS PROFESSIONAL SCREWDRIVERS

With bi-material "Energy Grip" handles for extra grip and added comfort. The blades are produced from chrome vanadium steel with wear resistant shot blasted tips. Colour coded handle insert provides easy recognition. Supplied with Lifetime Guarantee.

Sizes quoted are for blade length only.



Mills screwdrivers have **bi-material handles** giving them more than **25% extra grip** over conventional products

PLAIN SLOT Grey colour coded insert

PART NO.	DESCRIPTION	PRICE
F70-4255	SLOTTED 75 X 3MM	1.95
F70-4257	SLOTTED 150 X 3MM	2.26
F70-4258	SLOTTED 100 X 4MM	2.44
F70-4806	SLOTTED 75 X 5MM	2.47
F70-4259	SLOTTED 100 X 5MM	3.04
F70-4260	SLOTTED 150 X 5MM	3.36
F70-4261	SLOTTED 200 X 5MM	3.58
F70-4262	SLOTTED 250 X 5MM	3.98
F70-4250	SLOTTED CHUBBY 38 X 6MM	2.84
F70-4291	SLOTTED 100 X 6MM	3.55
F70-4251	SLOTTED 150 X 6MM	3.40
F70-4252	SLOTTED 150 X 8MM	4.56
F70-4254	SLOTTED 250 X 9.5MM	7.25

POZIDRIVE® Blue colour coded insert

PART NO.	DESCRIPTION	PRICE
F70-4266	POZI® 60MM X NO 0	2.84
F70-4267	POZI® 75MM X NO 1	3.12
F70-4268	POZI® 100MM X NO 2	3.23
F70-4269	POZI® 250MM X NO 1	4.18
F70-4270	POZI® 250MM X NO 2	4.56
F70-4287	POZI® CHUBBY 38MM X NO 1	3.18
F70-4265	POZI® CHUBBY 38MM X NO 2	3.40

6PC MILLS STANDARD SCREWDRIVER SET

Comprising:

- F70-4255 SLOTTED 75 x 3mm
- F70-4259 SLOTTED 100 x 5mm
- F70-4291 SLOTTED 100 x 6mm
- F70-4252 SLOTTED 150 x 8mm
- F70-4267 POZI® 75mm x No 1
- F70-4268 POZI® 100mm x No 2



PART NO.	DESCRIPTION	PRICE
F70-4288	6PC MILLS SCREWDRIVER SET	16.61

10PC COMPREHENSIVE SCREWDRIVER SET

Comprising:

- F70-4250 SLOTTED 38 x 6mm
- F70-4255 SLOTTED 75 x 3.2mm
- F70-4259 SLOTTED 100 x 5mm
- F70-4291 SLOTTED 100 x 6mm
- F70-4252 SLOTTED 150 x 8mm
- F70-4266 POZI® 60mm x No 0
- F70-4267 POZI® 75mm x No 1
- F70-4268 POZI® 100mm x No 2
- F70-4287 POZI® 38mm x No 1
- F70-4265 POZI® 38mm x No 2



PART NO.	DESCRIPTION	PRICE
F70-5009	10PC MILLS S/DRIVER SET	20.55

3PC MILLS LONG SERIES SCREWDRIVER SET

Comprising:

- F70-4262 SLOTTED 250 x 5mm
- F70-4269 POZI® 250mm x No 1
- F70-4270 POZI® 250mm x No 2



PART NO.	DESCRIPTION	PRICE
F70-8720	3PC MILLS LONG SERIES SCREWDRIVER SET	10.22

GENERAL TOOLING



ECO-TOOLS 6 PIECE SCREWDRIVER SET

Engineering grade screwdriver set. Each of the six screwdrivers have chrome vanadium blades with induction hardened blackened tips and benefit from ergonomic bi-material handles which give higher leverage. The set comprises four slotted drivers, 3 x 75mm, 5 x 100mm, 6 x 100mm, 8 x 150mm and two Pozidrive™ PZ1 x 75mm and PZ2 x 100mm.



PART NO.	DESCRIPTION	PRICE
E22-6394	ECO 6 PIECE SCREWDRIVER SET	10.25

STANLEY 5PC FAT MAX POZI SCREWDRIVER SET

High quality Stanley Fatmax 5Pc Pozidrive and Slotted Screwdriver Set featuring Ergonomic handle – featuring a large bi-material, anti-slip, handle providing excellent grip and reducing user fatigue, combined with a high resistance steel blade ensuring a limited chance of braking the tip.

Set comprises:

Slotted 3.5mm x 75mm,
Slotted 5.5mm x 125mm
Slotted 8mm x 100mm
Pozi PZ1 x 100mm
Pozi PZ2 x 125mm



PART NO.	DESCRIPTION	PRICE
F70-2541	STANLEY 5PC FAT MAX POZI SCREWDRIVER SET	23.22

FATMAX 10 PIECE SCREWDRIVER SET**Contents:**

Flared: 4 x 100mm, 8 x 150mm
Parallel: 3 x 100mm, 4 x 100mm, 5.5 x 150mm
Pozi: PZ0 x 75, PZ1 x 30, PZ1 x 100, PZ2 x 125mm
Carry case



PART NO.	DESCRIPTION	PRICE
F70-3360	FATMAX 10 PIECE SCREWDRIVER SET	37.19

SCREWDRIVERS CABINET

Cabinet Pattern handle screwdrivers with Chrome Vanadium steel blades, hardened and tempered with sand blasted tips. Some sizes are fitted with a hexagon bolster which enables extra power to be obtained by the use of a spanner.

Available in 4 sizes.



PART NO.	DESCRIPTION	PRICE
F83-0814	5MM X 75MM SCREWDRIVER	5.12
F83-0815	8MM X 150MM SCREWDRIVER	6.21
S83-0861	9.5MM X 200MM SCREWDRIVER	8.20
S83-0860	9.5MM X 250MM SCREWDRIVER	8.74

STANLEY 5PC FAT MAX PHILLIPS SCREWDRIVER SET

High quality Stanley Fatmax 5Pc Phillips and Slotted Screwdriver Set featuring Ergonomic handle – featuring a large bi-material, anti-slip, handle providing excellent grip and reducing user fatigue, combined with a high resistance steel blade ensuring a limited chance of braking the tip.

Set comprises:

Slotted 3.5mm x 75mm,
Slotted 5.5mm x 125mm
Slotted 8mm x 100mm
Phillip PH1 x 100mm
Phillip PH2 x 125mm



PART NO.	DESCRIPTION	PRICE
F70-2542	STANLEY 5PC FAT MAX PHILLIPS S/DRIVER SET	23.22

BOSCH 37 PIECE SCREWDRIVER SET WITH HANDLE

Bosch screwdriver bit set in hard plastic case. Includes screwdriver handle and the following 75mm long extra hard bits:

- 1 x 0.6 x 5 Slotted, 1 x 1 x 6 Slotted, 3 x Pozidriv 1/2/3, 3 x Phillips 1/2/3, 8 x Torx T8/10/15/20/25/27/30/40, 3 x TQ 6/8/10, 6 x Hex 2/2.5/3/4/5/6, 4 x TW 1/2/3/4, 4 x SP 4/6/8/10, 3 x R x 1/2/3

All tips have Extra Hard bit quality and are ideal for any kind of screws. Anti-slip screwdriver handle for perfect grip. Toolfree bit change Robust anti-slip case.

Bosch Part Number 2607017320



PART NO.	DESCRIPTION	PRICE
N36-7511	BOSCH 37 PIECE SCREWDRIVER SET WITH HANDLE	37.84

7 PIECE MINI TORX® SET

7 piece mini Torx set covering sizes from T6 to T20. Features hardened and tempered chrome alloy steel blades with black oxidised tips. Revolving top design handle offers added user comfort whilst allowing more torque to be applied. The set is supplied in a storage case and comprises T6 x 50, T7 x 50, T8 x 50, T9 x 50, T10 x 50, T15 x 60 and T20 x 60.

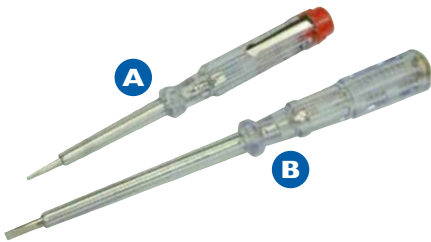


PART NO.	DESCRIPTION	PRICE
F72-3040	7 PIECE MINI TORX® SET	12.40

MAINS TESTERS 220-250V 630 VDE

Neon mains testers available with pen clips in two sizes.

- A) Small mains tester with pocket clip -140mm overall length (blade 60 x 3mm).
- B) Large mains tester -180mm overall length (blade 90 x 3.5mm).



PART NO.	DESCRIPTION	PRICE
F72-1003	A) SMALL MAINS TESTER	1.34
F72-1110	B) LARGE MAINS TESTER	2.32

WATCHMAKERS SCREWDRIVER SETS

- A) 6 piece slotted jewellers set comprising: 1.0, 1.4, 2.0, 2.4, 2.9 & 3.8mm.
- B) 11 piece slotted/Phillips set comprising Phillips PH00, PH0 and PH1; Slotted 0.9, 1.2, 1.4, 1.8, 2.4 and 3.0mm. 1 x scratch awl and 1 x magnet.



PART NO.	DESCRIPTION	PRICE
F72-1010	A) WATCHMAKERS-SLOTTED ONLY (6PC)	2.66
F72-1150	B) WATCHMAKERS-SLOTTED/CROSSPOINT (11PC)	3.04

PRECISION 7 PIECE SCREWDRIVER SET

With swivel heads for finger tip control. The set is supplied in carry case and comprises:

- 1.5 x 50mm Slotted
- 2.0 x 50mm Slotted
- 2.5 x 50mm Slotted
- 3.0 x 50mm Slotted
- 000 x 50mm Phillips®
- 00 x 50mm Phillips®
- 0 x 50mm Phillips®



PART NO.	DESCRIPTION	PRICE
F14-3501	7 PC GENERAL SCREWDRIVER SET	13.34

REVERSIBLE PRECISION SCREWDRIVER 8 PIECE SET

Hardened and tempered 8660 steel double-ended blades, satin chrome plated with black tips. Supplied with a rubberised handle in a durable plastic case with the following:

- No.00 cross slot x 2.0mm plain slot
- No.0 cross slot x 2.5mm plain slot
- No.1 cross slot x 3.0mm plain slot
- PZ TYPE No.0 x PZ TYPE No.1
- T5 x T6 Draper TX-STAR®
- T7 x T8 Draper TX-STAR®
- 2mm x 2.5mm hexagon
- Rubber handle

PZ TYPE products are compatible with ®Pozidriv®/Supadriv® fixing systems.

TX-STAR drivers are compatible with Torx fixing systems.



PART NO.	DESCRIPTION	PRICE
D99-0038	REVERSIBLE PRECISION SCREWDRIVER 8 PIECE	18.18

GENERAL TOOLING

A) MILLS MASTERCLASS 1000V VDE APPROVED FULLY INSULATED SCREWDRIVER SET

Hardened chrome vanadium steel shanks with chemically-blackened magnetic tips. Insulated shafts and ergonomic handles.



PART NO.	DESCRIPTION	PRICE
F02-3638	A) SCREWDRIVER SET 1000V VDE INSULATED 6 PIECE	12.31

B) MILLS MASTERCLASS SCREWDRIVERS 1000V VDE - SOLD SEPARATELY



PART NO.	DESCRIPTION	PRICE
F02-3639	B) SCREWDRIVER 1000V VDE SLOTTED 75 X 3MM	1.70
F02-3640	B) SCREWDRIVER 1000V VDE SLOTTED 100 X 4MM	2.01
F02-3641	B) SCREWDRIVER 1000V VDE SLOTTED 125 X 5.5MM	2.83
F02-3642	B) SCREWDRIVER 1000V VDE SLOTTED 150 X 6.5MM	3.97
F02-3643	B) SCREWDRIVER 1000V VDE POZI 75MM X NO 0	2.10
F02-3644	B) SCREWDRIVER 1000V VDE POZI 80MM X NO 1	2.94
F02-3645	B) SCREWDRIVER 1000V VDE POZI 100MM X NO 2	4.58

A) ERGO PLUS® VDE SCREWDRIVER SET 7 PIECE

Fully insulated VDE Professional screwdriver Set. Designed to completely include all the requirements of EN 60900 legislation. The EN 60900 requires all tools are tested to 10kV, making them suitable for working on live AC circuits of up to 1kV and DC circuits of up to 1.5kV.



PART NO.	DESCRIPTION	PRICE
F70-7355	A) ERGO VDE SCREWDRIVERS	31.31

B) ERGO PLUS® VDE PLAIN SLOT SCREWDRIVERS - SOLD SEPARATELY



PART NO.	DESCRIPTION	PRICE
F70-7356	B) SCREWDRIVER VDE POZI NO.2 X 200MM	9.25
F70-7554	B) SCREWDRIVER VDE SLOTTED 2.5MM X 75 MM	2.72
F70-7597	B) SCREWDRIVER VDE MODULO NO.2 X 100MM	8.34
F70-7548	B) SCREWDRIVER VDE SLOTTED 4.0MM X 100MM	4.51
F70-7549	B) SCREWDRIVER VDE SLOTTED 5.5MM X 125MM	5.18
F70-7550	B) SCREWDRIVER VDE SLOTTED 6.5MM X 150MM	5.27
F70-7551	B) SCREWDRIVER VDE POZI NO 0 X 60MM	2.91
F70-7552	B) SCREWDRIVER VDE POZI NO 1 X 80MM	3.31
F70-7553	B) SCREWDRIVER VDE POZI NO 2 X 100MM	5.50

DEXTRO VDE GLO PHOSPHORESCENT INSULATED SCREWDRIVER SET

Exclusively designed for electricians, the unique phosphorescent handles give off a strong, highly visible glow when working in low light conditions.

Contents:

- 1 x slotted parallel, sizes: 2.5 x 75, 4.0 x 100 & 5.5 x 125mm.
- 1 x PZ, sizes: 1 x 80 & 2 x 100mm.
- Mainstester.



PART NO.	DESCRIPTION	PRICE
F02-6990	PHOSPHORESCENT INSULATED SCREWDRIVER SET	50.32

HIGH GRADE 1000CV SCREWDRIVERS

A premier range of 1000V Screwdrivers insulated according to IEC 60900, usable up to 1000V AC/1500V DC with precision hardened Chrome-Vanadium-Molybdenum steel blades directly moulded to high torque soft grip handles.



PART NO.	DESCRIPTION	PRICE
H87-6500	S/DRIVER PZ2 X 150MM 1000V INSULATED	7.70
H87-6499	S/DRIVER PZ2 X 100MM 1000V INSULATED	7.23
H87-6497	S/DRIVER PZ1 X 80MM 1000V INSULATED	5.61
H87-6498	S/DRIVER PZ1 X 150MM 1000V INSULATED	6.31
H87-6494	S/DRIVER SLOTTED 2.8 X 75MM 1000V INSULATED	4.60
H87-6495	S/DRIVER SLOTTED 4 X 100MM 1000V INSULATED	5.91
H87-6496	S/DRIVER 5.5 X 150MM 1000V INSULATED	7.23
H87-2347	S/DRIVER SLOTTED 10 X 200MM 1000V INSULATED	14.10
H87-2346	S/DRIVER LONG SERIES PZ2 X 250MM 1000V INSULATED	10.64
H87-2345	S/DRIVER LONG SERIES PZ1 X 250MM 1000V INSULATED	8.14

STUBBY VDE SLIM SCREWDRIVERS

Stubby VDE Slim Style Screwdrivers. Available in Pozzi No2, MOD and Slotted.

Features:

- Stubby size – ideal for use in confined spaces
- Slim shafted high voltage insulated blades - allow access to recessed screws and fixings
- VDE approved - individually

tested to 10,000V for safe working up to 1,000V

- Premium quality chrome vanadium steel blades - for exceptional strength & durability
- 100% German manufactured - quality and performance assured
- Tip type markings - for easy identification
- Anti-roll flats - to prevent the screwdriver from rolling off sloping surfaces



PART NO.	DESCRIPTION	PRICE
F70-7408	A) STUBBY VDE SLIM SCREWDRIVER POZZI NO.2	5.79
F70-7409	B) STUBBY VDE SLIM SCREWDRIVER MOD2	5.79
F02-6987	C) STUBBY VDE SLIM SCREWDRIVER SLOTTED 4.0MM	8.93
F70-7410	D) STUBBY VDE SLIM SCREWDRIVER SLOTTED 5.5MM	5.79

1000V INSULATED NUT DRIVERS

1000v nutdriver insulated according to IEC 60900, usable up to 1000 V AC/1500 V DC.

A) Nut Spinner 08A 1000V Insulated

Fully insulated nutdriver with fluted handle. Length overall: 214mm.

B) Nut Spinner 2BA 1000V Insulated

Fully insulated nutdriver with 150mm stud clearance and fluted handle. Length overall: 214mm

C) Nut Driver 8mm 1000V Insulated

High torque softgrip 8mm nutdriver for hexagon headed nuts, bolts and screws.

D) Nut Driver 10mm 1000V Insulated

High torque softgrip 10mm nutdriver for hexagon headed nuts, bolts and screws.



PART NO.	DESCRIPTION	PRICE
F87-4593	A) NUT SPINNER 08A 1000V INSULATED	28.43
F87-4594	B) NUT SPINNER 2BA 1000V INSULATED	26.58
F87-2033	C) NUT DRIVER 8MM 1000V INSULATED	16.59
F87-2034	D) NUT DRIVER 10MM 1000V INSULATED	17.30

13 PIECE VDE ADJUSTABLE TORQUE SCREWDRIVER SET

1-6Nm set supplied with the most commonly used screwdriver tip sizes.



PART NO.	DESCRIPTION	PRICE
H00-0667	13 PIECE VDE ADJUSTABLE TORQUE SCREWDRIVER SET	110.35

17 PIECE INSULATED TOOL KIT FOR SMART METERING INSTALLATION AND MAINTENANCE

A fully insulated (1000V) tool kit designed for working on smart metering installs and maintenance. Supplied in robust carry case with foam insert.

Insulated according to IEC 60900, usable up to 1000V AC/1500V DC.

- Screwdrivers- 0.6mm x 2.8mm x 75mm, 0.6mm x 3.5mm x 100mm, 0.6mm x 4.0mm x 100mm, 0.8mm x 4.5mm x 125mm, 1.0mm x 5.5mm x 150mm
- Screwdrivers- PZ1 x 80mm, PZ2 x 150mm
- Screwdriver flat/pozi size 2 x 100mm
- Shroud universal 30 x 34mm (G)
- Shroud non-universal 30 x 25mm
- T bar allen key 3mm x 150mm
- Cabinet spanner with adaptor
- Diagonal side cutter 180mm
- Pliers combination 180mm
- Pliers 160mm long nose
- Cable cutter 210mm - 50mm



PART NO.	DESCRIPTION	PRICE
H87-2042	17 PIECE INSULATED TOOL KIT	180.25

5PC HIGH 1000V SOFTGRIP SCREWDRIVERS SET

Premier 1000V Screwdriver set insulated in accordance with EN/IEC 60900:2004 and usable upto 1000V AC & 1500V DC

Set comprises:

- Insulated Slotted Screwdriver 75mm x 2.8mm
- Insulated Slotted Screwdriver 100mm x 4mm
- Insulated Slotted Screwdriver 150mm x 5.5mm
- Insulated Pozidrive Screwdriver 80mm x PZ1
- Insulated Pozidrive Screwdrivers 100mm x PZ2



PART NO.	DESCRIPTION	PRICE
H87-6501	5PC HIGH 1000V SOFTGRIP SCREWDRIVERS SET	24.21

GENERAL TOOLING

A) 17 PIECE OFFSET RATCHET SCREW AND SOCKET DRIVER SET

Offset ratchet screwdriver with 1/4" bit holder and 1/4" square drive male head for driving 1/4" square drive sockets and accessories. Ratchet has selector for forward/reverse and stop.

Comprises:

- Offset ratchet screwdriver with 1/4" bit holding facility
- Slotted bits: 5, 7mm
- Cross slot bits: No.1, No.2
- PZ bits: No.1, No.2
- TX-STAR bits: T10, T15, T20, T25
- 1/4" sq. drive Hex sockets: 5, 5.5, 6, 7, 8, 10mm

**B) STANLEY 7 PIECE, PHILLIPS, SLOTTED AND POZI BIT SET**

This 7-piece screwdriver bit set contains 6 x 25mm screwdriver bits and a magnetic holder. Supplied in a plastic storage box.

Comprises:

- Phillips - PH1 and PH2
- Pozi - PZ1 and PZ2
- Flared - 0.8 x 5.0mm and 1.2 x 6.5mm
- Magnetic bit holder

**C) STANLEY 10 PIECE TORX, PHILLIPS & POZI BIT SET**

This 10-piece screwdriver bit set contains 9 x 25mm screwdriver bits and a magnetic holder. Supplied in a flip up plastic storage box.

Comprises:

- Phillips - PH2
- Pozi - PZ1, PZ2 and PZ3
- Torx - T10, T15, T20, T25 and T30
- Magnetic bit holder



PART NO.	DESCRIPTION	PRICE
F14-1457	A) 17PC RATCHET SCREWDRIVER SET	10.28
F70-6949	B) 7-PIECE SCREWDRIVER BIT SET	7.07
F70-6948	C) 10-PIECE SCREWDRIVER BIT SET	9.98

A) WERA TH POZI TORSION SET OF 3 POZI BITS

TH Torsion Extra Hard Bits are a hard wearing, great value bit, with a longer service life. Ideal for driving into timber and general construction materials.

Comprises a card of:

- 3 x Pozidriv 1, 2 and 3, 1/4in Hexagon drive x 25mm bits

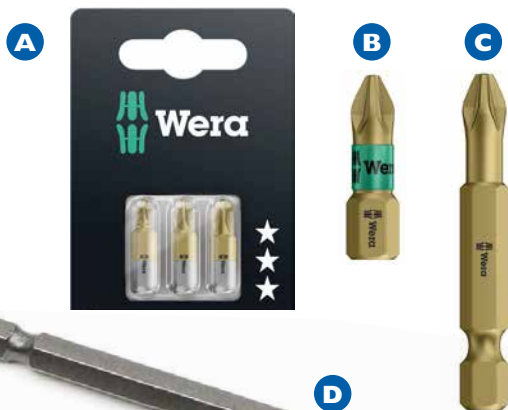
B-C) WERA TH TORSION EXTRA HARD BITS FOR USE WITH POWERTOOLS

Wera TH Torsion Extra Hard Bits are a hard wearing, great value bit, with longer service life.

Ideal for driving into timber and general construction materials. Available in both 25mm and 50mm lengths in PZ1, PZ2 & PZ3.

D-E) WERA UNIVERSAL MAGNETIC BIT HOLDERS

Available in 50mm & 75mm lengths these 1/4" Hexagon drive magnetic bit holders are constructed with a stainless steel sleeve, retaining ring, and strong permanent magnet.



PART NO.	DESCRIPTION	PRICE
N36-6620	A) WERA TH POZI TORSION SET OF 3 POZI BITS	2.95
N36-6575	B) POZIDRIV PZ1 INSERT BIT 25MM PK2	9.43
N36-6576	B) POZIDRIV PZ2 INSERT BIT 25MM PK2	2.66
N36-6577	B) POZIDRIV PZ3 INSERT BIT 25MM PK2	4.73
N36-6578	C) POZIDRIV PZ1 INSERT BIT 50MM PK2	4.74
N36-6579	C) POZIDRIV PZ2 INSERT BIT 50MM PK2	4.74
N36-6580	C) POZIDRIV PZ3 INSERT BIT 50MM PK2	4.74
P09-6581	D) UNIVERSAL MAGNETIC BIT HOLDER 50MM	5.10
P09-6582	E) UNIVERSAL MAGNETIC BIT HOLDER 75MM	8.19

BOSCH HEAVY DUTY SCREWDRIVER BIT SETS - 8PC

A) Bosch 8+1 Piece Robust Line Extra Hard Pozi Screwdriver Bit Set S2 25mm
Comprises quick-change universal holder PZ1 (2x), PZ2 (4x), PZ3 (2x) screwdriver bits.

B) Bosch 8 Piece Robust Line Extra Hard Combi Screwdriver Bit Set Sx3 49mm
Contains PH1, PH2 (2x), PH3 PZ1, PZ2 (2x), PZ3. 49mm length.

C) Bosch Max Grip 8+1 Piece Robust Line Pozi Screwdriver Bit Set S2 25mm
Contains quick-change universal holder, PZ1 (2x), PZ2 (4x), PZ3 (2x). Length 25mm.

D) Bosch Max Grip 8+1 Piece Robust Line Phillips Screwdriver Bit Set S1 25mm
Contains quick-change universal holder, PH1 (2x), PH2 (4x), PH3 (2x) screwdriver bits. Length 25mm.

E) Bosch Max Grip 8 Piece Robust Line PH & PZ Screwdriver Bit Set Sx3 49mm
Contains PH1, PH2 (2x), PH3, PZ1, PZ2 (2x), PZ3 screwdriver bits. 49mm length.



PART NO.	DESCRIPTION	PRICE
N36-7472	A) BOSCH 8+1 PIECE ROBUST LINE EXTRA HARD POZI SCREWDRIVER BIT SET S2 25MM	12.89
N36-7467	B) BOSCH 8 PIECE ROBUST LINE EXTRA HARD COMBI SCREWDRIVER BIT SET SX3 49MM	12.89
N36-7449	C) BOSCH MAX GRIP 8+1 PIECE ROBUST LINE POZI SCREWDRIVER BIT SET S2 25MM	17.73
N36-7473	D) BOSCH MAX GRIP 8+1 PIECE ROBUST LINE PHILLIPS SCREWDRIVER BIT SET S1 25MM	17.73
N36-7468	E) BOSCH MAX GRIP 8 PIECE ROBUST LINE PH & PZ SCREWDRIVER BIT SET SX3 49MM	17.73

BOSCH HEAVY DUTY SCREWDRIVER BIT SETS - 12PC

A) Bosch Max Grip 12+1 Piece Robust Line Combi Screwdriver Bit Set M4 25mm
Contains quick-change universal holder PH1, PH2, PH3, PZ1, PZ2, PZ3, T15, T20, T25, Flat 0.6 x 4.5, Flat 0.8 x 5.5, Flat 1.2 x 8.0 screwdriver bits. 25mm length.

B) Bosch 12+1 Piece Robust Line Extra Hard Combi Screwdriver Bit Set M4 25mm
Contains quick-change universal holder PH1, PH2, PH3, PZ1, PZ2, PZ3, T15, T20, T25, Flat 0.6 x 4.5, Flat 0.8 x 5.5, Flat 1.2 x 8.0

C) Bosch 12+1 Piece Robust Line Extra Hard Combi Screwdriver Bit Set M1 25mm
Comprising quick-change universal holder PH1, PH2, PH3 PZ1, PZ2, PZ3 T10, T15, T20, T25, T30, T40 screwdriver bits. Length 25mm.

D) Bosch Max Grip 12+1 Piece Robust Line PH & PZ Screwdriver Bit Set M2 25mm
Comprising quick change universal holder 2 x PH0, 2 x PH1, 2 x PH2, 2 x PZ0, 2 x PZ1, 2 x PZ2.



PART NO.	DESCRIPTION	PRICE
N36-7455	A) BOSCH MAX GRIP 12+1 PIECE ROBUST LINE COMBI SCREWDRIVER BIT SET M4 25MM	21.64
N36-7470	B) BOSCH 12+1 PIECE ROBUST LINE EXTRA HARD COMBI SCREWDRIVER BIT SET M4 25MM	16.55
N36-7478	C) BOSCH 12+1 PIECE ROBUST LINE EXTRA HARD COMBI SCREWDRIVER BIT SET M1 25MM	16.55
N36-7463	D) BOSCH MAX GRIP 12+1 PIECE ROBUST LINE PH & PZ SCREWDRIVER BIT SET M2 25MM	21.64

BOSCH HEAVY DUTY SCREWDRIVER BIT SETS - 18/20/25PC

A) Bosch 25 Piece Mini X-Line Extra Hard Screwdriver Bit Set
Contains PH1, PH2 (2x25mm), PH3, PZ1, PZ2 (2x25mm), PZ3, T10, T15, T20 (2x25mm), T25, T27, T30, T40, T10, T15, T20, T25, T30, T40, PH2 (1x49mm), PZ2 (1x49mm), bit holder

B) Bosch 20 Piece Drill & Drive Screwdriver Bit Set
Contains 2x PH2, 1x PZ2, 1x Slot 5mm, 1x Hex 4mm, 1x Hex 5mm, 1x T15, 1x T20, 1x T25, 1x HSS bit 2mm x 24mm 1x HSS drill bit 2.5mm x 30mm, 1x HSS drill bit 3mm x 16mm, 1x HSS drill bit 3.5mm x 20mm, Quick-change 1/4" hex bit holder, 4x Hex shanks, Sleeve with countersink, Wrench.

C) Bosch Max Grip 18+1 Piece Robust Line Combi Screwdriver Bit Set L2 25mm
Contains PH1, PH2, PH3, PZ1, PZ2, PZ3, T10, T15, T20, T25, T30, T40, Flat 0.6 x 4.5, Flat 0.8 x 5.5, Flat 1.2 x 8.0, Hex 4mm, Hex 5mm, Hex 6mm and a quick-change universal holder.

D) Bosch Max Grip 18+1 Piece Robust Line Combi Screwdriver Bit Set L1 25mm
Contains quick-change universal holder, PH1, PH2 (3x), PH3, PZ1, PZ2 (3x), PZ3, T8, T10, T15, T20, T25, T27, T30, T40

E) Bosch 18+1 Piece Robust Line Extra Hard Combi Screwdriver Bit Set L2 25mm
Comprises quick-change universal holder PH1, PH2, PH3, PZ1, PZ2, PZ3, T10, T15, T20, T25, T30, T40 Flat 0.6 x 4.5, Flat 0.8 x 5.5, Flat 1.2 x 8.0 Hex 4mm, Hex 5mm, and Hex 6mm



PART NO.	DESCRIPTION	PRICE
N36-7519	A) BOSCH 25 PIECE MINI X-LINE EXTRA HARD SCREWDRIVER BIT SET	19.46
N36-7504	B) BOSCH 20 PIECE DRILL & DRIVE SCREWDRIVER BIT SET	20.76
N36-7466	C) BOSCH MAX GRIP 18+1 PIECE ROBUST LINE COMBI SCREWDRIVER BIT SET L2 25MM	29.22
N36-7474	D) BOSCH MAX GRIP 18+1 PIECE ROBUST LINE COMBI SCREWDRIVER BIT SET L1 25MM	29.22
N36-7477	E) BOSCH 18+1 PIECE ROBUST LINE EXTRA HARD COMBI SCREWDRIVER BIT SET L2 25MM	22.55

GENERAL TOOLING



RATCHET SCREWDRIVER AND BIT SET (42 PIECE)

Set includes ratcheting stubby and precision screwdrivers along with 20 1/4" drive hardened and tempered chrome vanadium steel bits and 20 3mm drive precision bits. Supplied in plastic storage case. Display packed. PZ TYPE products are compatible with *Poizidriv® Supadriv® fixing systems.



Contains:

- 1 x Ratcheting screwdriver
- 1 x Precision screwdriver
- 4 x 25mm plain slot bits: 3, 4, 5, 6mm
- 4 x 25mm cross slot bits: No.0, No.1, No.2, No.3
- 4 x 25mm PZ TYPE bits: No.0, No.1, No.2, No.3
- 4 x 25mm hexagonal bits: 3, 4, 5, 6mm
- 4 x 25mm Draper TX - STAR® bits: T10, T15, T20 and T25
- 5 x 30mm plain slot bits: 1, 1.5, 2, 2.5 and 3mm
- 3 x 30mm cross slot bits: No.000, No.00, No.0
- 2 x 30mm PZ TYPE bits: No.0, No.1
- 5 x 30mm hexagonal bits: 0.7, 0.9, 1.3, 1.5, 2mm
- 5 x 30mm TX - STAR® bits: T6, T7, T8, T9, T10

PART NO.	DESCRIPTION	PRICE
F72-2902	RATCHET SCREWDRIVER AND BIT SET (42 PIECE)	11.33

STANLEY 61 PIECE SCREWDRIVER BIT SET

61-piece set of 1/4 inch drive bits in plastic case.



Contains:

- Slotted: 4, 4.5, 5.5, 6, 6.5, 8mm
- Phillips: PH0, PH1, 2 x PH2, 2 x PH3, 2 x PH4
- Poizidriv: PZ0, PZ1, 2 x PZ2, 2 x PZ3, PZ4
- Torx: T10, T15, T20, T25, T27, T30
- Hexagonal: 3 x 2mm, 6 x 3mm, 4, 5, 6mm
- Tamper proof Torx: 3 x T10, 3 x T15, 6 x T20, 3 x T25, 3 x T30, 3 x T40
- Magnetic Bit Holder: 60mm

PART NO.	DESCRIPTION	PRICE
N36-6583	STANLEY 61 PIECE SCREWDRIVER BIT SET	29.18

DEWALT DT71516 SOCKET & SCREWDRIVING SET

The DEWALT DT71516 Socket & Screwdriving Set contains a set of sockets, 6-13mm and a variety of popular screwdriver bits. Supplied in a durable storage case built with a metal clasp fastening and a belt clip for easy accessibility.



Contains:

- 6 x Sockets: 6, 7, 8, 10, 11 and 13mm.
- 3 x 25mm Poizidriv Bits: PZ1, PZ2 and PZ3.
- 3 x 25mm Phillips Bits: PH1, PH2 and PH3.
- 6 x 25mm TORX Bits: TX10, TX15, TX20, TX25, TX30 and TX40.
- 3 x 25mm Hex Bits: 4, 5 and 6.
- 1 x Wrench.
- 1 x Bit Tip Holder.
- 1 x Adaptor.

PART NO.	DESCRIPTION	PRICE
G70-1974	DEWALT DT71516 SOCKET & SCREWDRIVING SET	33.11

BOSCH 35 PIECE MASONRY DRILL & SCREWDRIVER BIT SET

This handy comprehensive screwdriver bit set comes in a hard plastic case. Includes six CYL-3 impact-resistant hammer drill bits offering guaranteed longer life in concrete, and extremely bend-resistant properties.



Contains:

- Drill Bits - 3mm, 4mm, 5mm, 5.5mm, 6mm, 8mm
- Nutsetters - 8mm, 10mm, 13mm
- 25mm Phillips Bits - PH1, PH2, PH3
- 25mm Poizidriv Bits - PZ1, PZ2, PZ3
- 25mm Slotted Bits - S3, S4, S5, S6
- 25mm HEX Bits - 3mm, 4mm, 5mm, 6mm
- 25mm Torx Bits - 10, 15, 20, 20, 25, 27, 30, 40
- 60mm Double Ended Bits - PH2/PZ2, T20/T25
- Magnetic Bit Holder
- Quick Release Bit Holder

PART NO.	DESCRIPTION	PRICE
F70-4812	BOSCH 35 PIECE MASONRY DRILL & SCREWDRIVER BIT SET	29.63

STANLEY MULTI-BIT RATCHET SCREWDRIVER

- Magnetic head
- Internal bit storage
- I Bit storage cartridge
- I Ratchet mechanism

Philips No.1 & No.2
Pozi No.1 & No.2
Slotted 4.5mm
Slotted 6mm
T15 & T20 Torx®
V51 & V52 Square



PART NO.	DESCRIPTION	PRICE
F14-3368	10 PIECE MULTI-BIT RATCHET SCREWDRIVER	13.51

STANLEY STUBBY MULTIBIT SCREWDRIVER

- 1 Philips No.1 x 25mm
- 1 Philips No.2 x 25mm
- 1 Pozi No.1 x 25mm
- 1 Slotted 4.5 x 25mm
- 1 Slotted 6 x 25mm
- 1 Pozi No.2 x 25mm

Ratchet mechanism
Magnetic bit holder



PART NO.	DESCRIPTION	PRICE
F14-3369	STUBBY MULTI-BIT SCREWDRIVER	6.00

BALL END HEX KEY SETS

Manufactured from hardened and tempered Chrome Vanadium steel with chemically blackened rust resistant finish. The ball type hexagon tip allows the key to be used at up to a 30° angle to the fixing.

A) H01-1528

Comprises: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 5.5, 6.0, 8.0 and 10mm keys.

B) H01-1529

Comprises: 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16 and 3/8 keys.



PART NO.	DESCRIPTION	PRICE
H01-1528	A) BALL END KEY SET 1.5 - 10MM	7.43
H01-1529	B) BALL END KEY SET 1/16" - 3/8"AF	7.43

CLASP-TYPE HEX KEY SETS

Manufactured from hardened and tempered Chrome Vanadium steel with chemically blackened rust resistant finish.

A) 8 piece set comprising 1.5, 2, 2.5, 3, 4, 5, 5.5, 6mm keys in a handy clasp type handle.

B) 8 piece set comprising 1/2, 1/16, 5/64, 3/32, 1/8, 5/32, 3/16 AF keys in a handy clasp type handle.



PART NO.	DESCRIPTION	PRICE
H01-4250	A) CLASP HEX KEY SET 1.5-6.0MM	8.49
H01-4251	B) CLASP HEX KEY SET 0.05-3/16"	8.49

FATMAX LOCKING KEY SET

'Lock In Place' feature to lock down keys and prevent unwanted movement.

Available in Hex and TORX® versions.



PART NO.	DESCRIPTION	PRICE
H01-3371	LOCKING HEX KEY SET 1.5-8MM	10.97
H01-3372	LOCKING TORX® KEY SET T9-T40	10.97

4Nm PRESET TORQUE WRENCH

Fixed 4 Nm torque tool with 1/4" drive.

Features a click-mechanism to indicate when torque setting is reached.

Includes hex bit sockets: 4mm, 5mm and T25 torx.



PART NO.	DESCRIPTION	PRICE
H00-5923	4Nm PRESET TORQUE WRENCH	26.19

BONDHUS BALL ENDED HEXAGON SCREWDRIVERS

Ball Ended Hexagon Screwdrivers featuring Chrome Vanadium blade with ball type hexagon tip which allows the driver to be used at up to a 30 degree angle to the fixing. Heavy duty acetate handle.



PART NO.	DESCRIPTION	PRICE
H01-1424	1.5MM BALL ENDED HEX DRIVER	1.62
H01-1425	2.0MM BALL ENDED HEX DRIVER	1.80
H01-1426	2.5MM BALL ENDED HEX DRIVER	1.84
H01-1427	3.0MM BALL ENDED HEX DRIVER	1.95
H01-1428	4.0MM BALL ENDED HEX DRIVER	2.34
H01-1429	5.0MM BALL ENDED HEX DRIVER	2.95
H01-1430	6.0MM BALL ENDED HEX DRIVER	3.50

1000V INSULATED ALLEN KEYS

A) 3mm Insulated Tee key. Overall length 150mm with 9mm Insulated Shroud Diameter. Insulated according to IEC 60900, usable up to 1000V AC/1500V DC

B) 3mm Insulated Tee key. Overall length 135mm with 7mm Insulated Shroud. Insulated according to IEC 60900, usable up to 1000V AC/1500V DC

C) P Handle Insulated Allen Keys. 3mm Point Size, 100mm Blade 150mm with 9mm Insulated Shroud Diameter. Insulated according to IEC 60900, usable up to 1000V AC/1500V DC



PART NO.	DESCRIPTION	PRICE
H87-7349	A) T KEY INSULATED 3MM HEXAGONAL 1000V (9MM DIAMETER)	6.54
H87-2041	B) T KEY INSULATED 3MM HEXAGONAL 1000V (7MM DIAMETER)	POA
H87-1991	C) P HANDLE INSULATED ALLEN KEYS	6.89

1000V INSULATED P-HANDLE 2-6MM ALLEN KEY SET

- 4 piece set comprising 2mm, 3mm, 4mm & 5mm keys
- High torque softgrip screwdrivers for hexagon socket screws
- Precision hardened Chrome-Vanadium-Molybdenum steel blade
- Blade insulation directly moulded onto the blade
- Ergonomic, softgrip multi-component handle
- Tested to EN/IEC 60900:2012



PART NO.	DESCRIPTION	PRICE
H87-6502	1000V P-HANDLE 2-6MM ALLEN KEY SET	32.65

SYSTEM ZERO® TAMPERPROOF SCREWDRIVER

Specialist driver with hardened steel blade and bi-material handle designed to suit System Zero machine M2.5, M3 and System Zero self tapping screws No 4 and No 6. Ideal for repeated use and when more leverage is required. Machine screw M2.5, M3 & self tapping no 4 no 6.



PART NO.	DESCRIPTION	PRICE
F00-1041	TAMPERPROOF SCREWDRIVER NO.1	6.37

GENERAL TOOLING

PROFESSIONAL TORX® DRIVERS

With bi-material "Energy Grip" handles for extra grip and added comfort. The blades are produced from Chrome Vanadium steel with wear resistant tips. Yellow colour inserts provide easy recognition. Supplied with Lifetime Guarantee.



Sizes T6, T7 and T8 have a standard solid Torx® head. Sizes T9, T15, T20, T25, T30 and T40 are tamperproof having a central location hole.



Photo is for illustration purpose only and handle may be subject to change.

A STANDARD TORX®

PART NO.	DESCRIPTION	PRICE
F70-4271	T6 TORX® DRIVER	2.79
F70-4272	T7 TORX® DRIVER	2.78
F70-4273	T8 TORX® DRIVER	2.78

B TAMPERPROOF TORX®

PART NO.	DESCRIPTION	PRICE
F70-4274	T9 TAMPERPROOF TORX® DRIVER	5.37
F70-4276	T15 TAMPERPROOF TORX® DRIVER	5.37
F70-4277	T20 TAMPERPROOF TORX® DRIVER	5.37
F70-4278	T25 TAMPERPROOF TORX® DRIVER	5.37
F70-4279	T30 TAMPERPROOF TORX® DRIVER	5.37
F70-4280	T40 TAMPERPROOF TORX® DRIVER	5.37

MILLS SYSTEM ZERO TAMPERPROOF SCREWDRIVER

Specialist driver with hardened steel blade and bi-material handle designed to suit System Zero machine M2.5, M3 and System. Specialist driver with hardened steel blade and bi-material handle designed to suit System Zero machine M2.5, M3 and System Zero self tapping screws No 4 and No 6. Ideal for repeated use and when more leverage is required.



PART NO.	DESCRIPTION	PRICE
F00-1041	MILLS SYSTEM ZERO TAMPERPROOF SCREWDRIVER	6.37

9 PIECE TORX BIT & HOLDER SET T20 - T55

9pc Torx Bit set in metal storage box covering sizes from T20-T55 with both 3/8" and 1/2" Drive Adaptor Sockets.



PART NO.	DESCRIPTION	PRICE
N36-2008	9 PIECE TORX BIT & HOLDER SET T20 - T55	13.89

42 PIECE SECURITY SET**Comprises:**

- Driver & 1/4" magnetic bit holder
- 1/4"(F) x 1/4"(M) magnetic bit holder
- Tri-winged bits: No. 1, 2, 3
- Spanner bits: No. 4, 6, 8, 10
- Spline bits: M4, M5, M6, M8, M10mm
- Square bits: S0, S1, S2, S3
- Metric hex security bits: 2, 2.5, 3, 4, 5, 6mm
- Imperial hex security bits: 5/32, 9/64, 1/8, 7/64, 3/32, 5/64"
- TX-STAR bits: T5, T6, T7
- TX-STAR security bits: T8T, T9T, T10T, T15T, T20T, T25T, T27T, T30T, T40T



PART NO.	DESCRIPTION	PRICE
G30-1346	SECURITY SET	19.42

7 PIECE MINI TORX® SET

7 piece mini Torx set covering sizes from T6 to T20. Features hardened and tempered chrome alloy steel blades with black oxidised tips. Revolving top design handle offers added user comfort whilst allowing more torque to be applied. The set is supplied in a storage case and comprises T6 x 50, T7 x 50, T8 x 50, T9 x 50, T10 x 50, T15 x 60 and T20 x 60.

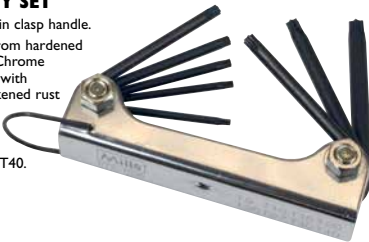


PART NO.	DESCRIPTION	PRICE
F72-3040	7 PIECE MINI TORX® SET	12.40

TORX® KEY SET

7pc Torx® set in clasp handle. Manufactured from hardened and tempered Chrome Vanadium steel with chemically blackened rust resistant finish.

Comprising: T9, T10, T15, T20, T25, T30, T40.



PART NO.	DESCRIPTION	PRICE
H72-1005	TORX® KEY SET T9 - T40	6.17

9 PIECE TAMPERPROOF TORX® SET

This tamperproof torx set contains: 7 torx security bits: T10; T15; T20; T25; T27; T30 and T40. The off-set bit driver wrench allows the tool to be used for 90 and 180 degree applications.

All 9 pieces are conveniently stored in a robust PVC belt clip holder.



PART NO.	DESCRIPTION	PRICE
F00-1842	9 PIECE TAMPERPROOF TORX® SET	10.76

A) 40 PIECE SET CHROME VANADIUM STEEL 1/4" DRIVE SOCKET SET

Supplied in blow moulded carrying case. The set comprises:

Contents:

- Sockets MM 4.0, 4.5, 5.0, 5.5, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0 and 13.0mm;
- Sockets AF 1/4, 3/16, 7/32, 9/32, 5/16, 11/32, 3/8, 7/16 and 1/2"
- Bit holder 1/4" sq. drive x 1/4" hexagon
- Torx Bits T15, T20 and T25
- Slotted S/Driver Bits 3.0, 4.0, 5.5 and 6.5mm
- Phillips Bits No.1 and 2
- Pozzi Bits No.1 and 2
- Reversible ratchet with quick release button
- 3 wobble extension bars size: 50, 100 and 150mm
- Sliding tee bar
- Universal joint
- Spinner handle with 1/4" sq. dr. recess in handle



A

B) 20 PIECE SET CHROME VANADIUM STEEL 3/8" DRIVE SOCKET SET

Drive Socket Set supplied in metal carrying case. The set comprises:

- Sockets MM 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21 and 22
- Reversible quick release ratchet handle with rubber grip
- Chrome vanadium sliding T-Bar
- 2 x extension bars: 50 and 150mm
- Universal joint and 1/2"



B

C) 21 PIECE SET CHROME VANADIUM STEEL 1/2" DRIVE SOCKET SET

Supplied in metal carrying case. The set comprises:

- Socket MM 10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 24, 27, 30 and 32
- Chrome vanadium sliding T-Bar
- 1 x universal joint
- Reversible quick release ratchet handle with rubber grip
- 2 x extension bars 125 and 250mm
- 2 x spark plug sockets 13/16 & 5/8 AF



C

PART NO.	DESCRIPTION	PRICE
G70-4689	A) 40 PIECE SET CHROME VANADIUM STEEL 1/4" DRIVE SOCKET SET	37.02
G70-3375	B) 20 PIECE SET CHROME VANADIUM STEEL 3/8" DRIVE SOCKET SET	28.91
G70-3376	C) 21 PIECE SET CHROME VANADIUM STEEL 1/2" DRIVE SOCKET SET	43.36

MILLS PROFESSIONAL NUT DRIVERS

With bi-material "Energy Grip" handles for extra grip and added comfort.

Photo is full illustration purpose only and handle may be subject to change.



PART NO.	DESCRIPTION	PRICE
F70-4281	5MM NUT DRIVER	4.79
F70-4282	5.5MM NUT DRIVER	4.79
F70-4283	6MM NUT DRIVER	4.79
F70-4284	7MM NUT DRIVER	4.79
F70-4285	8MM NUT DRIVER	4.79
F70-4286	10MM NUT DRIVER	4.79

AF NUT SPINNER SET

7 piece AF Nut Driver Set with acetate handles and comprising the following sizes 3/16", 1/4", 5/16", 11/32", 3/8", 7/16" & 1/2".



PART NO.	DESCRIPTION	PRICE
F70-4472	AF NUT SPINNER SET	13.27

DRIVE VDE INSULATED SOCKET SETS

A) G70-4757 Insulated Chrome Vanadium Socket Set 16pc 3/8" Sq Drive 6pt WallDrive® VDE Approved.

Contents: Sockets: 8, 10, 12, 13, 14, 17, 19, 22mm, 45-Tooth Flip Reverse Comfort Grip Ratchet Wrench with Push-Button Quick Release, Socket Bits (50mm); 4, 5, 6, 8mm, Locking Extension Bars: 150, 250mm, Locking T-Bar: 200mm.

B) G70-4758 Insulated Chrome Vanadium Socket Set 20pc 1/2" Sq Drive 6pt WallDrive® VDE Approved.

Contents: Sockets: 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 32mm, 45-Tooth Flip Reverse Comfort Grip Ratchet Wrench with Push-Button Quick Release, Socket Bits (100mm); 4, 5, 6, 8, 10mm, Locking Extension Bars: 150, 250mm, Locking T-Bar: 200mm.



A



B

PART NO.	DESCRIPTION	PRICE
G70-4757	A) INSULATED CHROME VANADIUM SOCKET SET 16PC	221.76
G70-4758	B) INSULATED CHROME VANADIUM SOCKET SET 20PC	271.03

1000V INSULATED NUT DRIVERS

1000V nutdriver insulated according to IEC 60900, usable up to 1000V AC/1500V DC.

A) Nut Spinner 0BA 1000V Insulated

Fully insulated nutdriver with fluted handle. Length overall: 214mm.

B) Nut Spinner 2BA 1000V Insulated

Fully insulated nutdriver with 150mm stud clearance and fluted handle. Length overall: 214mm

C) Nut Driver 8mm 1000V Insulated

High torque softgrip 8mm nutdriver for hexagon headed nuts, bolts and screws.

D) Nut Driver 10mm 1000V Insulated

High torque softgrip 10mm nutdriver for hexagon headed nuts, bolts and screws.



PART NO.	DESCRIPTION	PRICE
F87-4593	A) NUT SPINNER 0BA 1000V INSULATED	28.43
F87-4594	B) NUT SPINNER 2BA 1000V INSULATED	26.58
F87-2033	C) NUT DRIVER 8MM 1000V INSULATED	16.59
F87-2034	D) NUT DRIVER 10MM 1000V INSULATED	17.30

GENERAL TOOLING



COMBINATION WRENCH SET

Supplied in woven canvas type toolroll and featuring "Profile Drive" on the ring end to prevent damage to workpiece and provide better operator safety. The Mills combination wrenches are manufactured using high-specification precision drop forging which ensure uniform steel grain structure providing optimum strength.

Comprising: 6, 7, 8, 9, 10, 12, 13, 14, 15, 17, 19, 22 and 24mm.



PART NO.	DESCRIPTION	PRICE
H70-5394	13 PIECE COMBINATION WRENCH SET 6-24 MM	25.70

OFFSET OPEN ENDED WRENCH SETS - MM AND AF

Forged carbon steel mini wrenches have jaws offset at 15 and 65 degrees making them ideal for confined spaces. Available in metric (mm) and imperial (AF) options.

A) 8 piece set comprising:
5, 5.5, 6, 7, 8, 9, 10 and 11mm.

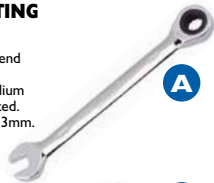
B) 8 piece set comprising:
7/32, 1/4, 9/32, 5/16,
9/32, 3/8, 11/32, 7/16.



PART NO.	DESCRIPTION	PRICE
H72-1001	A) 8 PC MM OPEN ENDED WRENCH SET	14.09
H72-1000	B) 8 PC AF OPEN ENDED WRENCH SET	14.09

A) OPEN ENDED RATCHETING COMBINATION SPANNER

Open end set at 15°. HI-TORQ® ring end manufactured with 72 teeth ratcheting mechanism. Forged from chrome vanadium steel, hardened, tempered, chrome plated. Length 132mm. Available 7, 8, 10 and 13mm.

**B) 6 PIECE FLEXIBLE RATCHET SPANNER SET**

These Chrome Vanadium spanners have flexible ratchet heads, which can turn through 180°, allowing them to be used in more awkward to reach places at any angle. Each spanner has a 72 fine-tooth mechanism. A useful arrow illustration is etched in the spanner to indicate the direction of torque. 180° head for access into tight places. 5° Fine Ratchet Mechanism. This set comprises the following sizes: 8mm, 10mm, 13mm, 15mm, 17mm and 19mm.



PART NO.	DESCRIPTION	PRICE
H70-2011	A) 7MM RATCHETING COMBINATION SPANNER	9.76
H70-7368	A) 8MM RATCHETING COMBINATION SPANNER	6.41
H70-2038	A) 10MM RATCHETING COMBINATION SPANNER	8.50
H70-2039	A) 13MM RATCHETING COMBINATION SPANNER	9.79
H70-5393	B) RATCHET SPANNER SET 8-19MM	28.79

OPEN ENDED WRENCH SET

Supplied in woven canvas type toolroll and comprising:

6 x 7mm, 8 x 9mm, 10 x 11mm, 12 x 13mm, 14 x 15mm, 16 x 17mm, 18 x 19mm and 20 x 22mm

Mills open end wrenches are manufactured using high-specification precision drop forging which ensure uniform steel grain structure providing optimum strength. Mirror finish.



PART NO.	DESCRIPTION	PRICE
H70-5395	8 PIECE OPEN ENDED WRENCH SET 6-22MM	27.59

6 PIECE METRIC TUBULAR BOX SPANNER SET

Double ended, manufactured from high quality carbon steel, zinc plated for corrosion protection. Sets include tommy bars.

Comprises: 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17 and 18 x 19mm, with two tommy bars 100mm and 150mm long.



PART NO.	DESCRIPTION	PRICE
H70-6849	6 PIECE METRIC TUBULAR BOX SPANNER SET	14.52

SATELLITE DISH INSTALLATION WRENCH

A special Bi-Hex cranked ratchet 10x13mm ring wrench, fits most satellite dish fixings, manufactured from Chrome Vanadium Steel.



PART NO.	DESCRIPTION	PRICE
H30-4259	10X13MM RATCHET WRENCH	15.97

CHROME VANADIUM ADJUSTABLE WRENCHES

Traditional Crescent Shaped Adjustable Wrench, manufactured from Chrome Vanadium Steel, hardened and tempered with chrome plated finish. The jaws are offset at an angle of 22 degrees for ease of access.

The 6", 8", 10" and 12" versions have insulated comfort grips.



PART NO.	DESCRIPTION	PRICE
H72-1380	4" ADJUSTABLE WRENCH	3.51
H72-6380	6" ADJUSTABLE WRENCH (COMFORT GRIP)	4.07
H72-6381	8" ADJUSTABLE WRENCH (COMFORT GRIP)	6.64
H72-6382	10" ADJUSTABLE WRENCH (COMFORT GRIP)	8.60
H72-6383	12" ADJUSTABLE WRENCH (COMFORT GRIP)	11.18
H72-1385	15" ADJUSTABLE WRENCH	15.09
H72-1386	18" ADJUSTABLE WRENCH	25.85

BAHCO 6" SLIM JAW ADJUSTABLE WRENCH

6" Bahco slim jaw wrench features an extra wide jaw opening to 32mm with a metric measurement scale and narrow 4.5mm jaw allowing access to tap nuts and thin bushes Precision-hardened and anti-corrosion treated with a phosphated finish and a comfortable warm thermoplastic slip-free handle. Length 150mm (6 in) Maximum opening capacity: 32mm (1 1/4 in).



PART NO.	DESCRIPTION	PRICE
H48-4998	BAHCO 6" SLIM JAW ADJUSTABLE WRENCH	34.41

BAHCO ADJUSTABLE WRENCHES

The original Bahco adjustable spanner with 16 degree angled head, measurement scale and easy knurl adjustment with a phosphate finish.



GENUINE BAHCO ADJUSTABLE

PART NO.	DESCRIPTION	PRICE
H48-1358	4" BAHCO ADJUSTABLE WRENCH	20.51
H48-1359	6" BAHCO ADJUSTABLE WRENCH	23.43
H48-1360	8" BAHCO ADJUSTABLE WRENCH	25.26
H48-1361	10" BAHCO ADJUSTABLE WRENCH	30.06
H48-1362	12" BAHCO ADJUSTABLE WRENCH	40.51

1000V INSULATED OPEN ENDED SPANNER

An open ended spanner with high voltage insulation rated to 1000V.



PART NO.	DESCRIPTION	PRICE
H84-1501	SPANNER 1000V INSULATED OPEN ENDED 8MM	12.91
H84-1502	SPANNER 1000V INSULATED OPEN ENDED 10MM	12.91
H84-1503	SPANNER 1000V INSULATED OPEN ENDED 13MM	13.04
H84-1500	SPANNER 1000V INSULATED OPEN ENDED 7/16AF	19.71

1000V INSULATED ADJUSTABLE WRENCHES

Chrome Vanadium steel with measurement scale on jaws to size nuts and pipes. The cross section of the knurl is tapered to give a smoother and more precise action. Available in 150, 200 & 250mm.

- Tested to EN/IEC 60900:2012



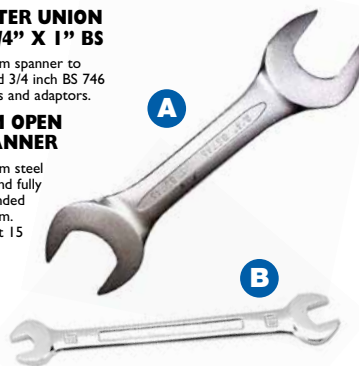
PART NO.	DESCRIPTION	PRICE
H87-6486	A) 1000V INSULATED ADJUSTABLE SPANNER 150MM	24.82
H87-6488	B) 1000V INSULATED ADJUSTABLE SPANNER 200MM	27.44
H87-6490	C) 1000V INSULATED ADJUSTABLE SPANNER 250MM	30.39

A) GAS METER UNION WRENCH 3/4" X 1" BS

Chrome vanadium spanner to suit all 1 inch and 3/4 inch BS 746 meter union nuts and adaptors.

B) 8X10MM OPEN ENDED SPANNER

Chrome vanadium steel chrome plated and fully polished open ended wrench 8 x 10mm. Open ends set at 15 degrees - overall length 140mm



PART NO.	DESCRIPTION	PRICE
H70-5396	A) GAS METER UNION WRENCH 3/4" X 1" BS	18.49
H70-1973	B) 8X10MM OPEN ENDED SPANNER	3.59

GENERAL TOOLING



FOOTPRINT PIPE WRENCHES

This traditional plumbers tool is an all purpose wrench which grips the workpiece tighter as more pressure is exerted. Removable screw for easy adjustment. This style has a screwdriver end to the hook handle.

- A) 7" Footprint Pipe Wrench**
Jaw capacity 42mm
- B) 9" Footprint Pipe Wrench**
Jaw capacity 48mm
- C) 12" Footprint Pipe Wrench**
Jaw capacity 60mm



PART NO.	DESCRIPTION	PRICE
H72-6837	A) 7" FOOTPRINT PIPE WRENCH	11.95
H72-6838	B) 9" FOOTPRINT PIPE WRENCH	15.14
H72-6839	C) 12" FOOTPRINT PIPE WRENCH	21.53

RAPIDGRIP® WRENCHES

The RIDGID Heavy-Duty RapidGrip® Wrench has a quick one-handed ratcheting adjustment operation offering unique combination heel/hook jaw design with a more secure grip. Available as a 14" (350mm) standard steel wrench or 18" (450mm) aluminium ultra-light wrench which offers a 35% weight saving over conventional steel equivalents.

- A) Aluminium RapidGrip® Wrench 450mm 18"**
Capacity: Pipe: 80mm (3in),
Fittings: 65mm (2.1/2in)
Weight: 1.9kg
- B) Heavy-Duty RapidGrip® Wrench 350mm (14in)**
Capacity: Pipe: 50mm (2in),
Fittings: 40mm (1.1/2in)
Weight: 1.4kg



PART NO.	DESCRIPTION	PRICE
H70-7394	A) ALUMINIUM RAPIDGRIP® WRENCH 450MM (18")	93.54
H70-7393	B) HEAVY-DUTY RAPIDGRIP® WRENCH 350MM (14")	41.23

A) MILLS MASTERCLASS 250MM SLIP JOINT PLIERS (10")

Mills Masterclass 10" Utility or Waterpump Plier. With bi-material "Energy grip" handles for better control, grip and comfort - specially machined adjustment serrations provide extra strength and non-slip performance when tool is under pressure.

Supplied with Lifetime guarantee.



B) PRESS BUTTON 250MM SLIP JOINT PLIERS (10")

Push button, heavy-duty waterpump pliers. Manufactured in chrome vanadium steel hardened and tempered with chemically blacked finish, featuring multi position adjustments operated by a simple push button and 'no-nip' PVC dipped handles, which prevent the handles from locking together at their largest capacity and nipping the users hands. A great pair of everyday waterpump pliers for professional plumbers and for plumbing tasks around the home.



C) WATERPUMP 300MM UTILITY PLIERS (12")

Water pump or utility pliers manufactured from carbon steel with a heavy-duty groove or slip joint design with a fully polished finish.

Fitted with hardened jaws for increased durability, approximately HRC45 - 60 and soft-grip vinyl handles for increased comfort.

Max Jaw Opening: 40mm. Length: 300mm (12 inch).



PART NO.	DESCRIPTION	PRICE
E70-4259	A) MILLS MASTERCLASS 10" SLIP JOINT PLIER	13.27
E70-7650	B) PRESS BUTTON SLIP JOINT PLIERS 250MM	18.80
S00-7376	C) WATERPUMP UTILITY PLIER 300MM (12")	5.72

TONGUE AND GROOVE SLIP JOINT PLIERS

Versatile utility plier, ideal for objects of all shapes including rods, pipes, hose and connection devices.

Self locking tongue and groove jaw opening adjustment. 7 increment adjustments.

Dipped plastic comfort handles. Available in 250mm (10") and 300mm (12") lengths.

- A) Channellock Tongue & Groove Pliers 250mm**
Size 250mm (10") Capacity 2"
(50mm). 7 increment Adjustments.

- B) Crescent Tongue & Groove Pliers 300mm**
Size 300mm (12").
Capacity 2 1/4" (57mm).



PART NO.	DESCRIPTION	PRICE
E70-1976	A) CHANNELLOCK TONGUE & GROOVE PLIERS 250MM	20.75
E70-1977	B) CRESCENT TONGUE & GROOVE PLIERS 300MM	23.58

BAHCO SANDVIK SLIP JOINT PLIERS

High quality parallel specially hardened jaws, featuring lightning adjustment by pressing a button on the upper handle with both flat and pipe grip jaws and phosphated and oil-impregnated finish.

Available in 250mm (10") and 300mm (12") lengths

- A) Bahco 82 Series ERGO Slip Joint Pliers 250mm**
Size 250mm (10")
Capacity 45mm - 1 3/4in.

- B) Bahco 82 Series ERGO Slip Joint Pliers 315mm**
Size 300mm (12")
Capacity 55mm - 2 1/4"



PART NO.	DESCRIPTION	PRICE
T18-0003	A) BAHCO 82 SERIES ERGO SLIP JOINT PLIERS 250MM	35.90
T18-0004	B) BAHCO 82 SERIES ERGO SLIP JOINT PLIERS 315MM	63.86

SELF GRIP (MOLE) WRENCHES



Curved serrated-jaw wrench featuring Chrome Vanadium hardened and tempered jaws.
Quick action release lever.
Nickel plated finish.

PART NO.	DESCRIPTION	PRICE
H72-1723	5" SELF GRIP WRENCH	10.04
H72-1724	7" SELF GRIP WRENCH	11.63
H72-1725	10" SELF GRIP WRENCH	12.72

GAS METER BRACKET SHEAR BOLT REMOVAL PLIERS

Parallel action plier designed to grip the head of security / shear bolts enabling them to be unscrewed safely allowing replacement of new meters without the need to bend, cut or replace the existing meter bracket or shelf.



• Length 160mm

PART NO.	DESCRIPTION	PRICE
E00-9332	SHEAR BOLT REMOVAL PLIERS 160MM	38.06

A) SCHMERSAL TRIANGULAR KEY TK-M5

The Schmersal triangular TK-M5 key is used with Amgard and Mgard locks. Length 100mm.



B) SERVICE CABINET KEY

The square key will fit all rim and mortice budget locks.

Made from steel.

PART NO.	DESCRIPTION	PRICE
S13-0804	A) SCHMERSAL TRIANGULAR TK-M5 KEY	5.42
S00-7352	B) SERVICE CABINET KEY	4.42

A) FIRE BRIGADE MASTER KEY SET

The Fire Brigade six key set includes: 1 x FB1 mortice and rim key 1 x FB2 mortice and rim key, 1 x FB4 Slam lock key, 1 x FB1 padlock key, 1 x FB11 padlock key and 1 x FB14 padlock key. Many fire brigade services, councils and other emergency services use FB keys. They are universal keys to open many types of doors, padlocks etc. Mainly Used By The Fire Service, Schools, Electricians, Contractors etc.

B) FIRE BRIGADE FB LIFT OR DROP KEY

The FB Fireman's lift key is also known as the fireman's drop key and enables the emergency services to open lift doors in the event of an emergency. Steel Finish.



PART NO.	DESCRIPTION	PRICE
S00-1695	A) FIRE BRIGADE MASTER KEY SET	9.22
S00-1696	B) FIRE BRIGADE FB LIFT OR DROP KEY	21.21

A) 4 WAY UTILITIES KEY

Utility Key with 4 different shape tips suitable for a range of applications.

8mm Triangle, 8mm Square, 6mm Square and 5mm Double Barb.

Compatible with water, electric and gas service cabinets, radiator taps and stop cocks.



B) GAS / ELECTRIC UTILITY METER KEY

Triangular gas & electric cabinet box key.



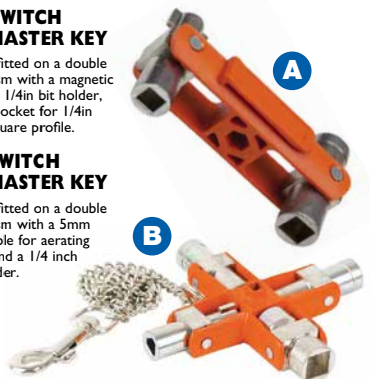
PART NO.	DESCRIPTION	PRICE
S00-7906	A) 4WAY UTILITIES KEY	2.96
S00-7377	B) GAS / ELECTRIC UTILITY METER KEY	2.71

A) 5-IN-1 SWITCH CABINET MASTER KEY

4 different keys fitted on a double turning mechanism with a magnetic 5mm square and 1/4in bit holder, and a magnetic pocket for 1/4in bits in 7-8mm square profile.

B) 9-IN-1 SWITCH CABINET MASTER KEY

8 different keys fitted on a double turning mechanism with a 5mm square key suitable for aerating radiator valves and a 1/4 inch magnetic bit holder.



PART NO.	DESCRIPTION	PRICE
S00-1760	A) 5-IN-1 SWITCH CABINET MASTER KEY	29.61
S00-1761	B) 9-IN-1 SWITCH CABINET MASTER KEY	45.18

GENERAL TOOLING

QUICK CHANGE RETRACTABLE KNIFE

- Blade chamber release button
- Blade advance button
- Includes 5 high-grade steel blades
- Spring-loaded blade chamber holds 5 standard blades
- Cable sheath stripper
- Blade release button
- Durable, lightweight, aluminum body
- Comfortable ergonomic design.



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PART NO.	DESCRIPTION	PRICE
N72-6574	MILLS QUICK CHANGE RETRACTABLE KNIFE	4.07
N72-6586	MILLS REPLACEMENT BLADES PK10	2.01

SPRING BACK SAFETY KNIFE

Specialist safety knife complete with a two notch blade which retracts automatically when released. Die cast zinc alloy with enamelled blue finish. Supplied complete with one knife blade.



PART NO.	DESCRIPTION	PRICE
N72-6375	MILLS SPRING BACK SAFETY KNIFE	3.04
N72-6586	MILLS REPLACEMENT BLADES PK10	2.01

FATMAX FIXED BLADE KNIFE

Supplied with 5 FatMax blades.

- Magnetic nose for easy blade changing
- Blade clamp for heavy duty applications
- Push button blade door release for quick and easy blade change
- Thumb pad for comfort



**STANLEY
FatMax**

PART NO.	DESCRIPTION	PRICE
N72-3380	FATMAX FIXED BLADE KNIFE	9.78
N72-3382	FATMAX UTILITY BLADES (PK10)	2.74

STANLEY ORIGINAL RETRACTABLE BLADE KNIFE

Supplied with 3 blades.



PART NO.	DESCRIPTION	PRICE
N72-3379	ORIGINAL RETRACTABLE KNIFE	5.92
N72-6586	MILLS REPLACEMENT BLADES PK10	2.01

9MM AND 18MM SNAP OFF KNIVES

Retractable snap-off segment blade.

Available in 2 sizes:
9mm & 18mm.



PART NO.	DESCRIPTION	PRICE
N72-1005	A) 18MM SNAP OFF KNIFE	2.36
N72-1008	PACKET 5 REPLACEMENT BLADES 18MM	1.96
N72-1004	B) 9MM SNAP OFF KNIFE	1.78
N72-1007	PACKET 5 REPLACEMENT BLADES 9MM	2.11

STANLEY FATMAX XTREME RETRACTABLE KNIFE

Bigger than standard utility knives allowing work with gloved hands. Supplied with 10 spare blades.



PART NO.	DESCRIPTION	PRICE
N72-3378	STANLEY FATMAX XTREME RETRACTABLE KNIFE	13.75

A) KNIFE POCKET NO. 2

Folding pocket knife with 60mm stainless curved pruning blade and yellow ABS handle, specifically designed for the telecommunication industry.



B) KNIFE SHARPENER 1A

Retractable pen-type pocket knife sharpener. High carbon Chrome Vanadium 95mm round blade with orange ABS handle incorporating a pocket clip.



PART NO.	DESCRIPTION	PRICE
N12-6547	A) MILLS POCKET KNIFE	11.07
N00-3011	B) KNIFE SHARPENER	7.18

SAFETY BOX AND WRAP CUTTER

The Stanley Safety Box and Wrap Cutter is made from lightweight but tough ABS plastic and is ideal for cutting shrink wrap, banding and opening cartons.



PART NO.	DESCRIPTION	PRICE
N72-1547	SAFETY BOX AND WRAP CUTTER	3.74

A) 1000V DISMANTLING KNIFE 180MM

Insulated Dismantling Knife with a 38mm sickle shaped blade with guide shoe at blade point for no damage of the conductor insulation.

B) 1000V HEAVY DUTY BLADE CABLE KNIFE

60mm blade.
180mm overall length.

C) 1000V CURVED BLADE CABLE KNIFE 60MM

60mm curved blade.
180mm overall length.



PART NO.	DESCRIPTION	PRICE
H87-2348	A) 1000V DISMANTLING KNIFE 180MM	40.92
H87-6482	B) 1000V HEAVY DUTY BLADE CABLE KNIFE	12.46
H87-6483	C) 1000V CURVED BLADE CABLE KNIFE 60MM	25.78

STANLEY CLASSIC 199 FIXED BLADE KNIFE

Supplied with an assortment of 5 blades.



PART NO.	DESCRIPTION	PRICE
N72-3381	STANLEY CLASSIC 199 FIXED BLADE KNIFE	4.04

SOFT GRIP FILLING KNIFE 25MM

Ideal for inserting filler into cracks or holes, in wood or plaster.



PART NO.	DESCRIPTION	PRICE
N72-1546	SOFT GRIP FILLING KNIFE 25MM	2.06

KNIFE HACKING

Hacking Knife for stripping lead sheath from cable and removal of putty from windows. 115mm polished Chrome Vanadium steel blade securely riveted to a heavy duty handle. Used by striking back of the blade with a hammer.



PART NO.	DESCRIPTION	PRICE
S83-0747	KNIFE HACKING	7.94

SCISSORS

A) Scissors 216mm (8.1/2")

With stainless steel blades and soft-grip handles.

B) Scissors 7" Cranked

General purpose cranked scissors, used for cutting steel and copper tapes in jointing applications.

C) 170Mm Fine Point Stainless Steel Scissors

D) 138Mm Cable Scissors
With serrated blade and notch for effortless cable cutting.



PART NO.	DESCRIPTION	PRICE
S70-7362	A) SCISSORS 216MM (8.1/2")	1.08
S83-2693	B) SCISSORS 7" CRANKED	12.23
S70-5007	C) FINE POINT SCISSORS 170MM	4.74
N70-0350	D) CABLE SCISSORS 138MM	12.29

GENERAL TOOLING

HACKSAWS**A) ECO-TOOLS Hacksaw 12" 300mm**

ECO-TOOLS Hacksaw for use with 12" (300mm) blades, with soft grip handle. Manufactured from enamelled aluminium with two sets of blade spigots, which allows the hacksaw to be used for straight and 45 degree cutting. The hacksaw is supplied complete with 24TPI HSS blade.

B) Stanley FatMax Hacksaw 5 in 1

Blade can be attached to the front of the hacksaw frame for inside cuts. Blade can be quickly positioned to a 45° angle for making flush cuts. Blade storage inside frame so metal or wood cutting blades. Fully adjustable tension. Standard position is a 90 degree hacksaw with large throat depth. When working in tight spaces, the front section of the frame can be removed like a jabsaw.

C) Hacksaw 300mm 1000V Insulated

Lightweight heavy duty frame with professional multi-coated insulation. Blade tension and blade replacement can be easily undertaken by using the wing nut device. Weight: 800g. Teeth per inch: 24. Length of Blade: 300mm.

D) Mills Hacksaw Blade 300mm

Available as 18TPI or 24TPI blades.



PART NO.	DESCRIPTION	PRICE
E22-6393	A) ECO-TOOLS HACKSAW 12" 300MM	9.22
N70-3387	B) STANLEY FATMAX HACKSAW 5 IN 1	23.24
H87-3515	C) HACKSAW 300MM 1000V INSULATED	55.77
N21-1604	D) MILLS 12" (300MM) 18 TPI BLADE (EACH)	2.50
N70-7979	D) MILLS 12" (300MM) 24 TPI BLADE (EACH)	1.65

JUNIOR AND MINI HACKSAWS**A) ECO-TOOLS Mini Hacksaw**

General purpose mini hacksaw with comfort grip handle and powder coated frame. Thumb screw fixing for quick replacement and tensioning of blade. Supplied complete with 150mm carbon steel 32 TPI blade.

B) Stanley Junior Hacksaw

Supplied with a 150mm 32TPI blade.

C) Junior Hacksaw 150mm 1000V Insulated

Lightweight 150mm 32 TPI Insulated Junior Hacksaw. Strong compact frame. Professional multi-coated high voltage insulation.

D) Junior Hacksaw Blades Pk of 10

General purpose 150mm carbon steel 32 TPI blades with pinned ends.



PART NO.	DESCRIPTION	PRICE
E22-6585	A) ECO MINI SAW	3.04
N70-3389	B) JUNIOR HACKSAW	4.18
H87-6485	C) JUNIOR HACKSAW 150MM 1000V INSULATED	13.06
N04-1616	D) JUNIOR HACKSAW BLADES PK OF 10	1.55

PAD AND PLASTERBOARD SAWS

A) Stanley FatMax Plasterboard/Jabsaw. 7 TPI blade with triple bevelled toothing for 50% quicker and easier cutting. Sharp point ideal for punching through plasterboard. Blade length 150mm.

B) Plasterboard Saw. This Stanley saw is ideal for use on plasterboard. It has a soft grip for ease of use. Teeth per inch: 6tpi. Length: 150mm.

C) Stanley FatMax 12" Compass Saw. 11 teeth per inch for a fine finish. Fine teeth - Easier to start off cuts and control for detail work. Induction hardened teeth stay sharp twice as long.

D) Handy Saw 250mm. Plastic grip handle with carbon steel hacksaw blade. Takes conventional hacksaw blades or broken blades the length of which can be varied by sliding the blade through the handle.

E) Padsaw Complete with Crosscut 150mm Blade. Designed for quick cutting of plasterboard, hardboard or chipboard.

PART NO.	DESCRIPTION	PRICE
N70-3391	A) FATMAX PLASTERBOARD/JBSAW	12.30
N70-7522	B) STANLEY PLASTERBOARD SAW 150MM 6" 6TPI	5.67
N70-3384	C) STANLEY FATMAX 12" COMPASS SAW	7.76
N70-1977	D) HANDY SAW 250MM	3.90
N02-1050	E) PADSAW WITH CROSSCUT 150MM BLADE	8.52



HANDSAWS

A) Stanley Fatmax Fine Cut Handsaw 11Tpi 380Mm

Stanley FatMax® fine cut handsaws have a bi-material handle screwed and ultrasonically welded for comfort and security. The teeth are precision set to generate clearance of kerf for the blade to cut on both the forward and back stroke, increasing cutting efficiency by 30%. These 3 sided teeth are precision ground to offer razor sharp cutting edges at every stage of the stroke. They are induction hardened to stay sharper for longer. Fine cut blade 11 TPI.Length 380mm (15")

B) Venom Double Ground 350Mm Tool Box Saw

Saw blades manufactured from high quality 1mm carbon steel, that has been correctly hardened, tempered, straightened and stress relieved to ensure blade strength and straightness. The set of the tooth delivers faster cutting with optimal sawdust removal in both forward & reverse motions. The finely ground blade is coated with an ultra-tough lacquer protecting the blade from corrosion whilst easing friction when sawing. The ergonomic soft grip handle guarantees user comfort, even when used for prolonged periods.

C) Stanley Sharpcut Handsaw 7 TPI (20")

Heavy duty Stanley handsaw with 7 TPI 20" blade.

D) Stanley Sharpcut Handsaw Fine Cut 11 TPI (20")

Stanley fine cut handsaw with 11 TPI 20" blade.



PART NO.	DESCRIPTION	PRICE
N70-1979	A) FATMAX FINE CUT HANDSAW 11TPI 380MM	9.12
N70-1981	B) VENOM DOUBLE GROUND 350MM TOOL BOX SAW	5.35
N70-3385	C) SHARPCUT HANDSAW 7 TPI (20")	13.34
N70-3386	D) SHARPCUT HANDSAW FINE CUT 11 TPI (20")	11.01

FLOORBOARD / VENEER SAW

Shallow bladed, round nosed saw for cross cutting, mitre work, PVC, floorboards and similar items.

Soft-grip handle with finger guide for maximum comfort in prolonged use.

Screwed handle/blade assembly for added safety.

- Length 330mm (13 in)
- Teeth: 12 tpi.



PART NO.	DESCRIPTION	PRICE
N70-7391	FLOORBOARD / VENEER SAW 325MM 13" 12TPI	7.24

FORESTERS BOWSAW

Tubular steel foresters bowsaws give equally good cutting performance on dry timbers as well as green wood and are suitable for gardeners, builders, farmers and DIY etc. Sharp taper enables ease of access amongst branches and undergrowth. The lever tensioner allows easy blade replacement.

Supplied with protective plastic blade sleeve.

- Blade length: 530mm (21").



PART NO.	DESCRIPTION	PRICE
N70-7651	FORESTERS BOWSAW 530MM (21")	8.19

A) TREE PRUNER WITH TELESCOPIC HANDLE

Cutting Capacity 32mm DIA

Incorporates four position lock telescopic aluminium profile pole extending from 1.5M to 2.5M with heavy duty hand grip, detachable curved pruning saw blade 355mm long and nylon cord-operated cutting blade.

B) SOFT GRIP BYPASS PATTERN SECATEURS (215MM)

Bypass action secateurs with non-stick coated toughened steel blades. Delivers a smooth clean cutting action every time and fitted with soft grip handles, which provide user comfort even when used for prolonged periods.

C) ANVIL LOPPERS 760MM

Anvil Loppers with a non-stick coated cutting blade which resists rust and reduces friction, making them ideal for cutting dead wood. The oval shafts are made of strong moulded carbon steel. Length 760mm (30in) Cutting Capacity: 40mm



PART NO.	DESCRIPTION	PRICE
N70-7652	A) TREE PRUNER WITH TELESCOPIC HANDLE	32.91
N70-7653	B) SOFT GRIP BYPASS PATTERN SECATEURS (215MM)	4.53
N70-2543	C) ANVIL LOPPERS (760MM)	21.63

GENERAL TOOLING



CLAW HAMMERS

A) 16 Oz Claw Hammer with Chrome plated tubular steel shaft. With non-slip, shock absorbing flock filled vinyl grips, resistant to heat, oil and most solvents.

B) 20 Oz Claw Hammer with Chrome plated tubular steel shaft. With non-slip, shock absorbing flock filled vinyl grips, resistant to heat, oil and most solvents.

C) 16oz Fibre glass shafted claw hammer fitted with non slip vinyl grip.

D) 20 oz Bright Polished claw hammer. Fibreglass shafted, tested and made in conformance with BS8020:2011. Tools for live working.



PART NO.	DESCRIPTION	PRICE
J53-3000	A) 16 OZ CLAW HAMMER	8.88
J53-3001	B) 20 OZ CLAW HAMMER	8.91
J72-9588	C) 16OZ CLAW HAMMER (FIBRE)	5.57
J75-2790	D) 20OZ CLAW HAMMER (SHOCKSAFE)	18.85

QUALITY DROP FORGED BALL PEIN HAMMERS

With hickory shafts. Conforms to BS876.

A) J53-1002 - This 1/4lb ball pein is manufactured from carbon steel with hardened point.

B) J53-1011 - This 1/2lb ball pein hammer has a drop forged polished and black head with sanded and lacquered hickory shaft.

C) J53-1005 - This 1lb ball pein hammer has a drop forged polished and black head with sanded and lacquered hickory shaft.

D) J53-1762 - Universal engineers ball pein hammer, precision ground with hardened striking faces to withstand the rigours of all applications.



PART NO.	DESCRIPTION	PRICE
J53-1002	A) 1/4 LB BALL PEIN HAMMER	8.29
J72-1001	B) 1/2 LB BALL PEIN HAMMER	9.47
J53-1005	C) 1 LB BALL PEIN HAMMER	12.39
J53-1762	D) 2LB BALL PEIN HAMMER	17.11

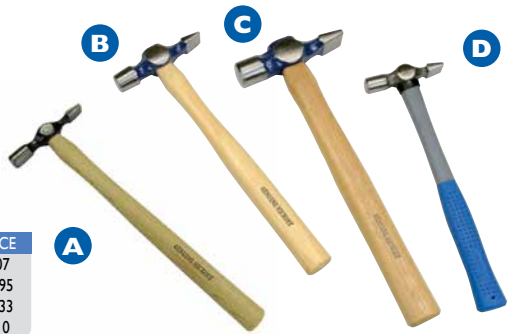
DROP FORGED CROSS PEIN HAMMERS

A) E22-6391 - This cross pein pin hammer has a forged polished and black head with sanded and lacquered hickory shaft.

B) J53-1012 - This 1/2lb cross pein hammer has a forged polished and black head with sanded and lacquered hickory shaft.

C) J53-1014 - This 1lb cross pein hammer has a forged polished and black head with sanded and lacquered hickory shaft.

D) J72-7864 - 4 oz fibre shaft cross pein pin hammer has a forged polished and black head and has a long life fibre glass shaft.



PART NO.	DESCRIPTION	PRICE
E22-6391	A) 3.5 OZ ECO CROSS PEIN PIN HAMMER	4.07
J53-1012	B) 1/2 LB CROSS PEIN HAMMER	10.95
J53-1014	C) 1 LB CROSS PEIN HAMMER	13.33
J72-7864	D) 4OZ FIBRE SHAFT CROSS PEIN PIN HAMMER	4.10

NYLON FACED HAMMERS

Available with replaceable nylon faces or a solid mallet.

A) J61-1030 - A soft faced nylon hammer weighing 250g (8oz) with two screw-in nylon 25mm diameter faces. Ideal as a multi-purpose striking tool in most assembly applications.

B) J61-1031 - A soft faced nylon hammer weighing 450g (16oz) with two screw-in nylon 32mm diameter faces. Ideal as a multi-purpose striking tool in most assembly applications.

C) E22-6390 - White rubber mallet with a rubber head and hardwood shaft weighing 680g (24oz).

D) S00-3509 - With a rubber head, fibreglass shaft and shock-absorbing rubber hand grip. Weight 680g (24oz).



PART NO.	DESCRIPTION	PRICE
J61-1030	A) 1/2 LB 25MM NYLON FACED HAMMER	8.96
J61-1031	B) 1 LB 32MM NYLON FACED HAMMER	10.28
E22-6390	C) 680G (24OZ) WHITE RUBBER MALLET	4.07
S00-3509	D) 680G (24OZ) RUBBER MALLET WITH FIBREGLASS SHAFT	7.25

CLUB (LUMP) HAMMERS

- A) 2.5lb and 4lb lump hammers with drop forged polished and black head with sanded and lacquered hickory shaft.
- B) 2.5lb and 4lb lump hammers fitted with fibreglass handles and with rubber grips.
- Manufactured in accordance with BS876.
- C) 2.5lb and 4lb Shocksafe lump hammers fibreglass shafted and manufactured to the exacting specifications of BS8020:2012, tools for live working.



PART NO.	DESCRIPTION	PRICE
J75-1020	A) 2 1/2 LB CLUB HAMMER	6.02
J75-1021	A) 4 LB CLUB HAMMER	8.86
J75-1586	B) CLUB HAMMER FIBREGLASS HANDLE 2.5LB	10.59
J75-1587	B) CLUB HAMMER FIBREGLASS HANDLE 4 LB	12.49
J75-2775	C) CLUB HAMMER SHOCKSAFE 2.1/2LB	24.29
J75-2789	C) CLUB HAMMER SHOCKSAFE 4LB	26.35

**SLEDGE HAMMER
FIBREGLASS HANDLE 10LB**

General purpose sledge hammer for builders and contractors.

Both striking faces are precision ground, specially hardened and heat treated to withstand the highest impact applications. The sledgehammer also benefits from low vibration fibreglass handle, which helps to absorb shock and vibration and reduces shaft breakages. Manufactured in accordance with BS876.
Weight: 4530g (10lb)



PART NO.	DESCRIPTION	PRICE
J75-1588	SLEDGE HAMMER FIBREGLASS HANDLE 10LB	32.70

A) 3PC WOOD CHISEL SET

A 3pc bevel edged wood chisel range for professional work as well as DIY users. Each blade is manufactured from drop-forged chrome vanadium steel that is hardened and tempered to exacting standards, ensuring that the cutting edge remains sharper for longer. All the chisels in this range are supplied with blade guards. Sizes: 13, 19, and 25mm (1/2, 3/4 and 1in). Blade length: 140mm



B) BRADAWL

General purpose Bradawl with a 40mm long blade and 3mm chisel end. This carpenter bradawl benefits from a comfort grip bi material handle.



PART NO.	DESCRIPTION	PRICE
J27-1000	A) SET OF 3 WOOD CHISELS	14.04
E22-6370	B) ECO-TOOLS BRADAWL	2.42

MILLS COLD CHISELS AND BRICK BOLSTERS

- A) Mills 60mm Cold Chisel with Hand Guard. Electricians bolster with hand guard 230 x 60mm (9 x 2 1/4") manufactured from hardened and tempered steel, and benefiting from an impact absorbing hand protection grip.
- B) Mills 25mm Cold Chisel with Hand Guard. Cold Chisel with hand guard 250 x 25mm (10 x 1") manufactured from hardened and tempered steel, and benefiting from an impact absorbing hand protection grip.
- C) Mills 75mm Brick Bolster with Hand Guard. Brick Bolster with hand guard 250 x 75mm (10 x 3"). Manufactured from hardened and tempered steel, and benefiting from an impact absorbing hand protection grip.
- D) Mills 100mm Brick Bolster with Hand Guard. Brick Bolster with hand guard 250 x 100mm (10 x 4"), manufactured from hardened and tempered steel, and benefiting from an impact absorbing hand protection grip.



PART NO.	DESCRIPTION	PRICE
J62-6638	A) MILLS 60MM COLD CHISEL WITH HAND GUARD	8.19
J62-8167	B) MILLS 25MM COLD CHISEL WITH HAND GUARD	6.28
J62-8168	C) MILLS 75MM BRICK BOLSTER WITH HAND GUARD	10.16
J04-1249	D) MILLS 100MM BRICK BOLSTER WITH HAND GUARD	11.01

PUNCHES

- A) Square sectioned centre punch, manufactured from carbon steel with hardened point, and available in 3mm (J04-1200) and 5mm (J04-1202) versions.
- B) J04-1205 - Automatic Centre Punch with spring loaded recoil action and 3mm (1/8") hardened steel point.
- C) J04-6848 - This set of four punches includes one of each of the following: 3.0, 4.0, 5.0 and 6.35 tip diameters. Length: 100 mm (4 in).
- D) J04-6839 - This set of 8 punches includes: 1.6, 2.4, 3.2, 4, 4.8, 6, 8 and 10mm tip diameters. Length: 90mm (3.1/2in). Overall length: 200mm (8in).



PART NO.	DESCRIPTION	PRICE
J04-1200	A) CENTRE PUNCH 1/8"	2.90
J04-1202	A) CENTRE PUNCH 3/16"	2.82
J04-1205	B) AUTOMATIC CENTRE PUNCH	7.71
J04-6848	C) 4PC ROUND HEAD PARALLEL PIN PUNCH SET	8.30
J04-6839	D) 8PC LONG SERIES ROUND HEAD PIN PUNCHES	20.81

GENERAL TOOLING



FILES**A) Round Second Cut Engineer's Files.**

Ideal for filing circular openings or concave surfaces and slightly tapered towards the point, with a double cut finish.

Second Cut: Approx 36 teeth per 25mm (Medium).

N56-3266 - Blade Length: 150mm (6in), Blade Width: 6mm (1/4in)

N56-3276 - Blade Length: 250mm (10in) Blade Width: 9mm (5/16in)

B) Half Round Second Cut Engineer's File.

A very useful file combining the features of both round and flat files, one side being rounded and the other flat. It can be used on flat, concave and convex surfaces and is tapered towards the point in width and thickness. Cut: Half-Round Second.

N56-1461 - Blade Length: 150mm (6 in), Blade Width: 16mm (5/8 in).

N56-3282 - Blade Length: 250mm (10in), Blade Width: 24mm (7/8in).

C) Engineers File Sets. All Files Are 2nd Cut.

N01-1805 Complete with handles, this 4 piece 8" (200mm) Second Cut file to include, 1 x Hand File 2nd Cut, 1 x Half Round File 2nd cut, 1 x Triangular File 2nd Cut and 1 x Round File 2nd Cut.

D) Set Of 6 Key Files

Set of 6 key files with impact-resistant plastic handles. File length 100mm comprising 1 x Half round tapered file, 1 x Square file, 1 x Flat file, 1 x Triangular file, 1 x Flat tapered file, 1 x Round file.

E) Set Of 10 Needle Files

N56-1562 A standard 10 piece steel needle file set supplied in a neat, plastic wallet, comprising, 1x Round, 1x Flat Parallel, 1x Flat Tapered, 1x Square, 1x Triangular, 1x Crossing, 1x Half Round, 1x Knife, 1x Oval and 1x Barrette.



PART NO.	DESCRIPTION	PRICE
N56-3266	A) ROUND SECOND CUT FILE 150MM 6"	4.52
N56-3276	A) ROUND SECOND CUT FILE 250MM 10"	6.92
N56-1461	B) HALF ROUND FILE 150MM 6"	4.31
N56-3282	B) HALF ROUND FILE 250MM 10"	9.49
N01-1805	C) 8" FILE SET 4 PIECE	20.83
N56-1557	D) SET OF 6 KEY FILES	10.84
N56-1562	E) SET OF 10 NEEDLE FILES	5.08

PRY BARS**A) Pry Bar Set 3 Piece 210, 300 & 450mm.**

Pry Bar Set containing three sizes of bar to help pry, lift, position and align machinery and parts into place.

B) FatMax Spring Steel Wonder Bar

- Spring steel for extreme strength & durability
- Precision ground edge for better penetration
- Wide prying edge for good leverage
- Pointed prying edge for better penetration
- Flat striking face for demolition work

Available in 15" (375mm) and 21" (525mm) lengths.

C) FatMax Spring Steel Moulding Bar 10"

- Spring steel for durability
 - Non slip grip for extra leverage
 - Polished bevelled claws for better access
- Length: 10" (250mm).

D) FatMax Spring Steel Clawbar 10"

- Spring steel for durability
 - Non slip grip for extra leverage
 - Polished bevelled claws for better access
- Length: 10" (250mm).

E) FatMax Spring Steel Wrecking Bar

- Spring steel for extreme strength & durability
 - Precision ground edge for better penetration
 - Wider prying edge for better leverage
 - Flat striking face for demolition work & impact with hammer
- Available in 24" (600mm) and 36" (900mm) lengths.



PART NO.	DESCRIPTION	PRICE
J53-2032	A) PRY BAR SET 3 PIECE 210, 300 & 450MM	15.84
J62-3400	B) SPRING STEEL WONDER BAR 15"	8.40
J62-3401	B) SPRING STEEL WONDER BAR 21"	13.20
J62-3402	C) SPRING STEEL MOULDING BAR 10"	13.40
J62-3403	D) SPRING STEEL CLAWBAR 10"	12.37
J62-3404	E) SPRING STEEL WRECKING BAR 24"	17.50
J62-3405	E) SPRING STEEL WRECKING BAR 36"	21.25

MILLS EXTRA HEAVY DUTY 7.5M TAPE MEASURE

Exceptionally robust tape measures with rubberised shells capable of withstanding the most harsh working conditions. The yellow power return blade is easily locked by a positive lever action. All tapes are fitted with metal belt clips. The extra wide blades are very clearly marked in 1/16ths and mm. This 7.5m (24ft) tape measure features a 25mm(1") wide blade.



Mills MASTER
As good as it gets

PART NO.	DESCRIPTION	PRICE
K70-5012	7.5M (24FT) TAPE MEASURE	10.76

ECO-TOOLS 5M/16FT TAPE MEASURE

The Eco 5m/16ft Retractable Tape Measure is a heavy duty 25mm width tape with positive blade lock and strong belt clip. It has a rubberised case capable of withstanding most harsh working applications. The yellow dual scale blade measures cm/mm as well as 1/4"/1/16", and has a 3 rivet 10mm deep hook for securing to a work piece during measurement. A wrist strap is provided as standard for security, during measurement.



ECO-TOOLS

PART NO.	DESCRIPTION	PRICE
E22-6373	ECO-TOOLS 5M/16FT TAPE MEASURE	4.07

FATMAX XTREME TAPE MEASURE

- Blade armour coating on the first 150mm reduces the risk of breaking the tape
- Huge standout of almost 4 metres for easy one person measuring
- 32mm wide blade makes reading the numbers easy
- Cushion grip provides sturdy, slip-resistant hold
- Mylar coated blade is up to 10 times more resistant to abrasion than normal lacquered blades
- Belt clip



STANLEY FatMax XTREME

PART NO.	DESCRIPTION	PRICE
K70-3418	XTREME TAPE MEASURE 5M/16FT	21.60
K70-3419	XTREME TAPE MEASURE 8M/26FT	22.91
K70-3420	XTREME TAPE MEASURE 10M/30FT	25.67

FUSION U TAPE MEASURE 0-67U 3M

The Fusion 'U' Tape Measure enables the installer to quickly survey data, server and AV cabinet rack locations to easily identify the correct sized unit for the job.

The tape measure has an integral belt clip, a 13mm wide dual scaled blade, measuring 0-67U and 0-3 metres and can be locked at any length.



FUSION
ALUMINUM METAL

NEW!

PART NO.	DESCRIPTION	PRICE
K70-7663	FUSION U TAPE MEASURE 0-67U 3M	2.17

CLOSED ABS FIBREGLASS LONG TAPE 30M 100FT

Fibreglass 30m/100ft Tape featuring a 13mm wide blade clearly marked in both metric and imperial measurements.

The tape is stored in a tough closed ABS case with a hand strap and a folding metal rewind handle, with a rotating winding knob that allows the tape to be quickly rewound after use.

This 30m/100ft Fibreglass Long Tape has both metric and imperial measurements.



PART NO.	DESCRIPTION	PRICE
K70-7646	CLOSED ABS FIBREGLASS LONG TAPE 30M 100FT	6.92

NON CONDUCTIVE TAPE MEASURE 3M

Fully insulated, non-conductive 3m tape measure ideally suited for use by electricians and those working within close proximity to electricity. Metric and imperial. Proof tested to 20kV.



PART NO.	DESCRIPTION	PRICE
H87-3523	NON CONDUCTIVE TAPE MEASURE 3M	63.71

FOLDING RULE 1000MM

Plastic construction with clear metric and imperial graduations. 4 folding sections for convenient storage. Length 1m.



PART NO.	DESCRIPTION	PRICE
K70-1690	FOLDING RULE 1000MM	2.37

VERNIER CALIPER SET

Small, lightweight caliper set, ideal for measuring internal and external duct and microduct sizes. Durable polymer construction with internal, external and depth measurement functions. Clear metric and imperial graduations. Jaw capacities: 155mm and 80mm.



PART NO.	DESCRIPTION	PRICE
J04-7677	VERNIER CALIPER SET	1.03

GENERAL TOOLING



METAL DETECTOR GSM120 BOSCH

- As used by leading telecom utilities
- Reliable and calibration free
- Detection depth metal up to 12cm, live wire up to 5cm
- Dynamic automatic zoom scale for precise detection of objects with centre finder function
- 3 colour LED ring for added safety
- Audible alarm gives additional warning
- Back light display
- Supplied with 9v 6LR61 battery, hand strap and protective bag



BOSCH

PART NO.	DESCRIPTION	PRICE
P09-0694	METAL DETECTOR GSM120 BOSCH	59.68

3-IN-1 DETECTOR STUD METAL & LIVE WIRE

The detector can be used to detect and locate wooded studwork, metal and AC voltage, providing a clear indication of concealed objects using the LED and buzzer indicator system. A marking groove is also provided at the top of the detector so that the surface can be marked prior to any drilling, nailing or screwdriving.

Approximate detection depths:

Stud mode: Wood stud of 30x30mm: ≤14mm.
Metal mode: Iron pipe of dia. 25mm: ≤25mm.
AC mode: Typical depth of 50mm for 90-250V at 50-60Hz.

Technical Specs

Approximate detection depths:
Stud mode: Wood stud of 30x30mm: ≤14mm.
Metal mode: Iron pipe of dia. 25mm: ≤25mm.
AC mode: Typical depth of 50mm for 90-250V at 50-60Hz.



PART NO.	DESCRIPTION	PRICE
C00-2020	3-IN-1 DETECTOR STUD METAL & LIVE WIRE	21.10

LASER MEASURERS

A) Bosch GLM30 Distance Measurer

Has a 0.15- 30 metre range with touch button operation and illuminated readings as well as fitting easily into your pocket.

Dimensions:
105 x 41 x 24mm
with a weight of 100g.

Requires 2 x 1.5 V LR03 (AAA).

B) Bosch GLM 50C 0.05-50m Laser Distance Measurer (LDM)

With direct digital transfer of measuring results via Bluetooth & USB. Automatic storage of the last 30 measured values and one constant. Protective bag included.

Dimensions:
106 x 45 x 24mm
with a weight of 100g

Requires 2 x 1.5v AAA-size batteries included.

C) Bosch GLM80 0.05 – 80.00m Rechargeable Laser Distance Measurer

With direct digital transfer of measuring results via Bluetooth & USB. Automatic storage of the last 30 measured values and one constant.

Protective bag and charger included.

Dimensions:
111mm x 51mm x 30mm
Weight 0.14kg.

BOSCH

PART NO.	DESCRIPTION	PRICE
P09-5278	A) BOSCH GLM 30 LASER MEASURE	83.43
P09-3495	B) BOSCH GLM 50 C LASER MEASURE	149.63
P09-5280	C) BOSCH GLM 80 LASER MEASURE	195.30



MEASURING WHEELS

A) Bosch GWM 32 Measuring Wheel

The lightweight, GWM32 handy measuring wheel 0-9999.99m with ergonomic pistol grip telescopic shaft, and lightweight aluminium construction for ease of use.

- Wheel diameter (circumference) 318.5 mm (1 m)
- Max. measured value 9999.99 m
- Handle Telescopic handle
- Material Aluminium
- Measurement accuracy 1 dm/100 m
- Overall Length 1090mm
- Weight 1.4kg



B) Bosch GWM 40 Measuring Wheel

The heavy duty GWM40 measuring wheel 0-9999.99m for jobsite use featuring a simple foldable handle for ease transport, 6-digit counter, easy-to-read and impact-resistant, pushbutton reset and wheel stand.

- Wheel diameter (circumference) 389.1 mm (1.22 m)
- Max. measured value 9999.99 m
- Handle Folding
- Measurement accuracy ± 5 cm/100 m
- Wheel stand
- PTB certified
- Weight 3.3kg



C) Trumeter Measuring Wheel

The original Trumeter 0-9999.9 metres Measuring Wheel with folding handle, retractable stands and quick release brake.

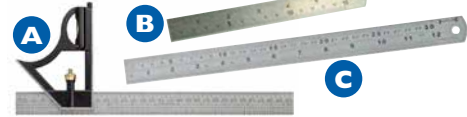
Precision 1 metre circumference measuring wheel. Easy view 7mm high 6 digit resettable counter reading up to 9999.9 metres. Supplied complete with retractable stand and quick release brake. Handle folds for storage in carry bag supplied.



PART NO.	DESCRIPTION	PRICE
P09-5281	A) BOSCH GWM 32 MEASURING WHEEL	78.74
P09-5282	B) BOSCH GWM 40 MEASURING WHEEL	103.36
S00-1264	C) TRUMETER MEASURING WHEEL	120.86

STEEL RULES

A) Stainless Steel Rules. With metric & imperial markings.
B) Combination Square. Precision rule manufactured from hardened stainless steel and available in 6" (150mm) and 12" (300mm) sizes. The steel rule benefits from clear black graduation markings in metric of 0.5mm, 1mm, 0.5cm, 1cm and imperial markings of 1/64", 1/50", 1/32", 1/20", 1/16", 1/10", 1/2".



PART NO.	DESCRIPTION	PRICE
K07-1172	A) 12" - 300MM COMBINATION SQUARE	8.94
K51-1006	B) 6" - 150MM STAINLESS RULE	1.13
K51-1007	C) 12' - 300MM STAINLESS RULE	2.26

BUILDER'S LEVEL

Box Section Spirit Levels manufactured from aluminium extrusion with a resilient powder coated finish, making them lightweight, strong and easy to keep clean. The bottom face is milled for high flatness. Each level is fitted with 3 solid vials; 2 plumb and 1 horizontal that have a measurement accuracy of ±0.5mm per metre.

The horizontal vial is dome shaped to allow reading from any viewing angle.

Available in 400mm, 600mm, 1000 and 1200mm lengths



PART NO.	DESCRIPTION	PRICE
K99-3003	400MM - 16" LEVEL	5.03
K99-6840	600MM - 24" LEVEL	12.36
K99-6841	1000MM - 40" LEVEL	15.82
K99-6842	1200MM - 48" LEVEL	18.03

MILLS MEASURING WHEEL

Ideal for the precision measurement of roads, pavements or land up to a distance of 9999.9 metres. This distance measuring surveyors wheel has a folding handle with retaining clip making it easy to store, and further benefits from a quick retractable foot stand.

Product Features:

- Long distance measuring wheel with foldable handle
- Perfect for surveyors, builders and cabling installers
- One person operation: automatically records measurements as you walk, simply press the "Reset" button and start walking
- Counter adds when moving forward and subtracts when reversing
- Strong, foldable tubular steel handle with retaining clip
- Clear and easy to read
- Wheel Diameter: 31.8cm (12.5")
- Overall Length: 104cm
- Weight: Approx 2.3kg



PART NO.	DESCRIPTION	PRICE
S00-6671	MILLS MEASURING WHEEL	39.95

FATMAX XTREME LEVEL

- Vials magnified by 20% for improved all round visibility
- Dual machined levelling surfaces for maximum accuracy
- Bi-material hand grips are screwed into the frame
- Rock solid box beam construction is up to 5 times stronger than other Stanley levels
- Solid acrylic block vials provide best in class accuracy in 8 orientations of +/-0.5mm/m
- 10 year warranty



PART NO.	DESCRIPTION	PRICE
K99-3426	FATMAX XTREME LEVEL 60CM	30.71
K99-3427	FATMAX XTREME LEVEL 100CM	36.85
K99-3428	FATMAX XTREME LEVEL 120CM	42.17
K99-3429	FATMAX XTREME LEVEL 180CM	60.19

MAGNETIC BASE SPIRIT LEVEL 240MM

Magnetic 3 vial die cast boat level for working tight areas and benefiting a horizontal, vertical and 45 degree vials. This torpedo level has from a milled base with flush mounted magnets permits hands-free measuring on steel surfaces. The solid acrylic vials are accurate to ± 1 mm per metre.

Length 240mm.



PART NO.	DESCRIPTION	PRICE
K70-7869	MAGNETIC BASE SPIRIT LEVEL 240MM	8.22

A) POCKET SPIRIT LEVEL

Compact 125mm long aluminium body with pocket clip holder. Ideal for use when fitting surface mount back boxes or similar in confined spaces.



B) PLUMB LINE

Supplied with 18m of orange line, the plumb bob is 115mm long with a diameter of 18mm and weighs 113g.



C) MASON LINE 76.2M 250FT FLUORESCENT PINK

Suitable for staking out sites, concrete and landscaping layout and brick/ block laying.



PART NO.	DESCRIPTION	PRICE
E22-6371	A) ECO-TOOLS POCKET SPIRIT LEVEL	2.01
K99-3555	B) PLUMB LINE	5.02
K70-1589	C) MASON LINE 76.2M 250FT FLUORESCENT PINK	5.87

GENERAL TOOLING

A) GOLD OMAPP SOLDER & BRAZING PAD

The Monument Gold OMAPP Solder & Brazing Pad is a patented heat pad for soldering and brazing 15mm and 22mm copper pipe.

It is suitable for use with professional grade gases such as Gasex, MAPP and MAP-Pro.

Size: 12in x 12in



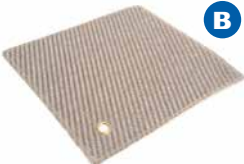
A

B) MONUMENT SOLDER MAT

Standard Soldering & Brazing Pad resists temperatures up to 600° celsius, and does not present any of the hazards associated with asbestos material.

Made from woven glass fabric (Professional quality).

Size: 300mm² (12in²).



B

PART NO.	DESCRIPTION	PRICE
S99-7392	A) GOLD OMAPP SOLDER & BRAZING PAD	36.32
S00-1982	B) MONUMENT SOLDER MAT	14.24

UNION GAUGE

The Union Gauge is designed to be fitted between the meter and the unions with companies maximising its potential by having their meter technicians taking post installation pictures to demonstrate that washers are fitted and unions are tight.



PART NO.	DESCRIPTION	PRICE
C99-2344	UNION GAUGE	15.40

A) 1/2" CLEANING / APPLICATION BRUSH

Flux brush with synthetic bristles which are made from special filaments which guarantee excellent performance with no bristle loss. Width 19mm.

B) SOLDERING FLUX

Soldering Flux acts as a chemical cleaning agent to remove impurities from joint surfaces when soldering, ensuring a better joint. It has a non-acidic, non-toxic formula, offering fitters the benefits of savings, safety and certainty. Available in 125g and 475g reels.



A

B

A) 250G 18SWG SOLDER WIRE LEAD FREE

250g reel of lead free rosin core 1.2mm (18SWG) solder wire 99.3% tin and 0.7% copper.

B) TUBE 1.2MM SOLDER

A tube containing 1.2mm diameter solder, rolled and easy to pull out through the dispensing hole in the cap.

60/40 Sn/Pb

Contains 2% flux

Weight 17g

C) SOLDER WIRE 3.25MM 250G

Solid solder wire for plumbing applications. Highly effective, designed to produce perfect joints, quickly and cleanly. Size: 250g reel. Diameter: 3.25mm.



A

B

C

PART NO.	DESCRIPTION	PRICE
R99-7383	A) 1/2" CLEANING / APPLICATION BRUSH	1.81
D52-2048	B) SOLDER FLUX 475G	17.10
D52-2049	B) SOLDER FLUX 125G	6.68

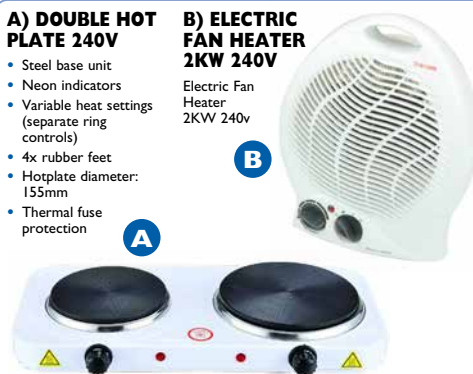
PART NO.	DESCRIPTION	PRICE
D59-1275	A) 250G 18SWG SOLDER WIRE LEAD FREE	18.50
D72-1002	B) TUBE 1.2MM SOLDER	2.80
D52-2050	C) SOLDER WIRE 3.25MM 250G	23.68

A) DOUBLE HOT PLATE 240V

- Steel base unit
- Neon indicators
- Variable heat settings (separate ring controls)
- 4x rubber feet
- Hotplate diameter: 155mm
- Thermal fuse protection

B) ELECTRIC FAN HEATER 2KW 240V

Electric Fan Heater 2KW 240v



A

B

PART NO.	DESCRIPTION	PRICE
R99-7401	A) DOUBLE HOT PLATE 240V	28.56
R99-7402	B) ELECTRIC FAN HEATER 2KW 240V	8.76

A) PIPE CUTTER AUTOMATIC

Pipe Slice style cutter, available in 15mm, 22mm and 28mm.

B) SPARE CUTTING WHEELS FOR 15 AND 22MM AUTOMATIC PIPE CUTTERS PK 2

Spare cutting blades for 15mm (H72-7381) and 22mm (H72-7379) pipe cutters.



A

B

PART NO.	DESCRIPTION	PRICE
H72-7381	A) PIPE CUTTER AUTOMATIC 15MM	7.74
H72-7379	A) PIPE CUTTER AUTOMATIC 22MM	5.78
H72-7378	A) PIPE CUTTER AUTOMATIC 28MM	17.39
H72-7382	B) SPARE CUTTING WHEEL FOR 15 AND 22MM AUTOMATIC PIPE CUTTERS PK 2	2.88

A) ABRASIVE CLEAN UP STRIPS PK 10

Monument Abrasive Clean Up Strips, 180 grit silicone clean up strips of abrasive waterproof open mesh material for a multitude of cleaning jobs such as roughing up pipe, cleaning inside fittings (can be cut into small strips), deburring metal and wooden surfaces.



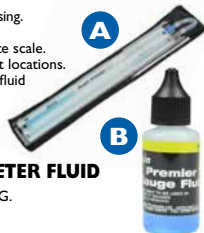
B) SCOURING PAD 230MM X 150MM PK 10

Scouring Pad. 230mm x 150mm PK 10.

PART NO.	DESCRIPTION	PRICE
H70-7395	A) ABRASIVE CLEAN UP STRIPS PK 10	7.17
S99-7384	B) SCOURING PAD 230MM X 150MM PK 10	2.52

A) REGU35 PREMIER 45MB U GAUGE MANOMETER

- A solid acrylic gauge in a tough metal casing.
- Measures to 18in.w.g. or 45 mbar.
- Easy zero adjustment and a clear accurate scale.
- Blue fluid for ease of reading in poorly lit locations.
- Trap chambers reduce the possibility of fluid loss through spillage or overpressure.
- Hanging slot and strap.
- Overall length - approx. 18" (450mm).
- Supplied in a nylon protective bag.



B) REGIN U GAUGE MANOMETER FLUID

- SmI Fluid has a specific gravity of 1.88 S.G.
- For use in Regin Premier Gauges (REGU35 & REGU40).

PART NO.	DESCRIPTION	PRICE
S00-7374	A) REGU35 PREMIER 45MB U GAUGE MANOMETER	79.95
S00-7375	B) REGIN U GAUGE MANOMETER FLUID	11.64

BRAZING

A) Rothenberger Super Fire 2 Brazing Torch

Fast and effective brazing torch for all soldering and brazing applications.

- Concentrated, high heat, anti flare, adjustable flame
- Turbine flame pattern
- Instant Piezo ignition
- Can be used at any angle
- Use with any MAP/PRO or Propane disposable cylinders



B) MAPP Gas Cylinder for Superfire 2 Special gas mix for high-performance soldering work. Flame temperatures up to 2,700 °C and 35 % faster than propane. MAPP® is a registered trademark of Messer Group GmbH, Bad Soden.

C) Rothenberger Heat Guard For Superfire 2 Quick Fire and Jet Torch Heat deflector guard ideal accessory or use with the Super Fire 2 Brazing Torch (S99-7386) to prevent scorching of walls and skirting boards, etc whilst working.

D) Rothenberger Rubber U Gauge Manometer Hose 2m Rubber hose for use with any manometer. Durable construction. Length 2 metres

E) Rothenberger Support Stand for Gas Cylinders Supports Propane and MAPP gas cylinders to prevent them toppling over when set down. Simple to fit and Increases user safety. For use with Rothenberger Propane and MAP/PRO Gas Cylinders.



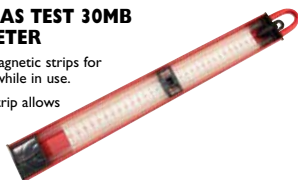
PART NO.	DESCRIPTION	PRICE
S99-7386	A) ROTHENBERGER SUPER FIRE 2 BRAZING TORCH	84.33
S99-7387	B) MAPP GAS CYLINDER FOR SUPERFIRE 2	16.07
S19-0006	C) ROTHENBERGER HEAT GUARD	22.44
S00-7385	D) ROTHENBERGER RUBBER U GAUGE MANOMETER HOSE 2M	5.14
S83-2096	E) ROTHENBERGER SUPPORT STAND FOR GAS CYLINDERS	6.58

ROTHENBERGER GAS TEST 30MB U GAUGE MANOMETER

New design incorporates magnetic strips for securing to boiler cabinets while in use.

Adjustable hook and loop strip allows manometer to be hung vertically during use.

Made in the UK.



PART NO.	DESCRIPTION	PRICE
S00-7380	ROTHENBERGER GAS TEST 30MB U GAUGE MANOMETER	17.81

SIEVERT 2535 POWERJET KIT WITH ULTRAGAS

A powerful and efficient torch system with an ergonomic handle. The automatic piezo ignition along with trigger on/off function helps to prevent LPG wastage. The anti-flare feature enables the torch to operate in all positions.

Supplied with 1 x Ultragas 220583 that has a gas mixture of propane, butane, propene and acetone to give a flame temperature of 2,100°C. Complies with EN417 Regulations.

Specification:
Burner Diameter: 14mm.
Gas Consumption: 170g/h at 2 bar.
Effect: 2.2kW.
Connection: EU Fits EN417 7/16in.



PART NO.	DESCRIPTION	PRICE
S99-1980	SIEVERT 2535 POWERJET KIT WITH ULTRAGAS	94.91
S99-2342	REPLACEMENT ULTRAGAS CARTRIDGE 220583	9.30

A) LONG LASTING ALKALINE BATTERIES

Long lasting, leakproof alkaline batteries for optimum output & high performance of all torches, measuring instruments and industrial equipment.



B) LANTERN BATTERY

PJ996 long lasting lantern and road lamp batteries.



PART NO.	DESCRIPTION	PRICE
M99-1200	A) MNI 1300 (D) BATTERY PACKET 2	3.17
M99-1201	A) MNI 1400 (C) BATTERY PACKET 2	2.68
M99-6820	A) MNI 500 (AA) BATTERY PACKET 2	1.18
M99-1203	A) MNI 1604 (PP3) BATTERY PACKET 1	2.04
M99-6864	A) MN2400 (LR03,AAA) BATTERY PACKET 2	1.29
M99-1059	B) PJ996 LANTERN BATTERY EACH	1.99

GENERAL TOOLING

A) PORTASOL GAS IRON

Gas soldering iron refillable in 10 seconds using Butane gas lighter fuel and under normal use will last approximately 60 minutes. Producing 400°C in soldering mode and supplied as standard with a 2.4mm (D52-1254) solder tip as standard with a 1.0mm (D52-1253) and 3.2mm (D52-1255) tips available if required.



B) MINI HEAT GUN PRODUCING 1300°C

Runs off a cigarette lighter (supplied). Automatic ignition.

C) BATTERY POWERED SOLDERING IRON

The Weller Battery Powered Cordless Soldering Iron heats up to a working temperature of 480 degrees in under 30 seconds. It can solder up to 120 joints per set of (3) alkaline batteries.

Supplied in storage case with 3 x AA Batteries, Lead-Free Solder, Conical 0.4mm Tip and Tip Removal Tool. Weight: 24g.

PART NO.	DESCRIPTION	PRICE
D52-1252	A) PORTASOL GAS IRON	21.79
D52-1253	SPARE TIP 1.0MM FOR PORTASOL	8.26
D52-1254	SPARE TIP 2.4MM FOR PORTASOL	8.26
D52-1255	SPARE TIP 3.2MM FOR PORTASOL	8.26
D72-1287	B) MINI HEAT GUN	14.71
D52-2546	C) BATTERY SOLDERING IRON	26.96

PROFESSIONAL GAS SOLDERING IRON KIT WITH FLINT

Refillable in 10 seconds using Butane gas lighter fuel and under normal use will last approximately 60 minutes. Producing 400°C in soldering mode and supplied with

the following accessories in a blow moulded storage case:

- 1 x 2.4mm Single Flat Tip
- 1 x Blow Torch Tip
- 1 x Hot Blower
- 1 x Hot Knife Tip
- 1 x Wire Stand
- 1 x Cleaning Sponge & Cup



PART NO.	DESCRIPTION	PRICE
D52-1243	PROFESSIONAL GAS SOLDERING KIT	42.14

SUPERPRO HEAVY DUTY GAS SOLDERING IRON KIT

A heavy duty 8 piece gas soldering iron kit has Piezo ignition and is adjustable from 25-130 wats. The gas iron can be refilled in 10 seconds using Butane gas lighter fuel and under normal use will last approximately 2 hours.

- 1 x 2.4 Double Flat Tip (SPT-6)
- 1 x 4.8mm Double Flat Tip (SPT-8)
- 1 x Hot Air Blower Tip (SPT-9)
- 1 x Hot Knife Tip (SPT-10)
- 1 x Deflector (SPT-12)
- 1 x Wire Stand (SPT-15)
- 1 x Cleaning Sponge & Cup (SPT-19)

Supplied with the following accessories in a blow moulded storage case:



PART NO.	DESCRIPTION	PRICE
D52-1244	SUPERPRO KIT	68.87
D52-7248	DOUBLE FLAT TIP PORTASOL 2.4MM	9.22

ELECTRIC SOLDERING IRONS AND ACCESSORIES

A) Mills Soldering Iron. A lightweight general purpose 25 watt soldering iron with heat resistant handle supplied complete with a 2mm tip. Includes a basic hot iron rest. A working temperature of 380 degrees centigrade makes the iron ideal for working on circuit boards, and general electrical soldering repairs. Replacement 2mm tips part number: D70-5007.

B) Soldering Iron. A specialist 50V/25W soldering iron with 2.3mm tip and 4m of cable terminated with a BTS536566 Plug. The soldering iron is supplied with a soldering iron rest. Ideal for soldering applications in exchanges and head ends.

C) Soldering Stand. Complete with sponge, suitable for most general application irons.

D) Desoldering Pumps. General purpose aluminium solder sucker quickly removes molten solder from joints and has a spring loaded piston release with one button release. Available in standard and antistatic versions. Features 2mm nozzle.



PART NO.	DESCRIPTION	PRICE
D70-6000	A) SOLDERING IRON	8.35
D70-5007	SPARE SOLDERING TIP	2.04
S83-0775	B) SOLDERING IRON	37.83
D72-1050	C) SOLDERING STAND	3.42
D72-1005	D) ANTISTATIC DESOLDERING PUMP	4.52

GENERAL TOOLING



A) HEAVY DUTY RIVET GUN

Heavy-Duty Riveter is suitable for single-handed application and provides a rigid permanent fixing. Made from quality steel and fitted with comfortable handles. Supplied with four interchangeable nozzles for most popular rivet sizes. Rivet Type Accepted: Aluminium, Steel, Stainless Steel. Rivet Diameter: 2.4, 3.2, 4.0, 4.8mm.

B) POP RIVETING TOOL

A professional all steel construction riveter with comfortable vinyl grip. Spring loaded handle for easy rivet loading and ejection. Extended nose for hard-to-get at places and will lock when not in use. Complete with four nosespieces to take 3/32, 1/8, 5/32 and 3/16 rivets. Not suitable for stainless steel rivets.

C) POP RIVETING TOOL WITH SWIVEL HEAD

Rivet Tool with a head that rotates through 360° for riveting at any angle. It has an all-steel construction with a non-slip, vinyl grip. The rivet tool has a spring-loaded handle for easy rivet loading and ejection. It comes with 4 nosespieces for 4 different sizes of rivet. Not suitable for stainless steel rivets. Noses supplied: 3/32, 1/8, 5/32 and 3/16in.

D) BAHCO 2681 SWIVEL HEAD RIVET TOOL

Bahco 2681 Riveter is a swivel head rivet tool, the head swivels 360 to rivet at any angle. Will fasten metal, leather, canvas, and vinyl using 2.4, 3.2, 4.0 or 4.8mm rivets. With 4 interchangeable nosespieces which can be stored in the handle. Length: 285mm. Weight: 740g.

E) ALUMINIUM RIVETS

Manufactured from quality aluminium with a steel pulling mandrel, these rivets are suitable for use with most hand riveters and are RoHS compliant for use in electrical appliances.



PART NO.	DESCRIPTION	PRICE
R99-1988	A) HEAVY DUTY RIVET GUN	13.47
R99-1983	B) POP RIVETING TOOL	15.10
R99-1984	C) POP RIVETING TOOL WITH SWIVEL HEAD	19.60
R99-7273	D) BAHCO 2681 SWIVEL HEAD RIVET TOOL	25.70
R99-4542	E) ALUMINIUM RIVETS LONG 4MM X 13MM (PKT 50)	2.90
R99-1986	E) ALUMINIUM RIVETS MEDIUM 5MM X 7MM (PKT 15)	2.75
R99-1987	E) ALUMINIUM RIVETS MEDIUM 4MM X 7MM (PKT 20)	2.53

CONDUIT BUSH WRENCH

Innovative head design allows for all sizes of conduit bushes to be tightened/untightened even with cabling in place. Zinc phosphate coated, tough alloy steel for increased strength and durability. Soft grip, tri-lobe handle for exceptional comfort and control.

- Length 190mm / 7 1/2in



PART NO.	DESCRIPTION	PRICE
V01-6992	CONDUIT BUSH WRENCH	14.91

JUBILEE HOSE CLIP DRIVER 7MM

For use with worm drive jubilee-style hose clips in positions up to 90° Hexagon socket and flexible shaft. Large high-impact plastic easy-grip handle.

- Flexi shaft for 90° access
- Overall length 230mm
- Easy access to awkward areas
- Secure grip high-torque handle

Suitable for opening Prysman™ Nodes.



PART NO.	DESCRIPTION	PRICE
H70-7417	JUBILEE HOSE CLIP DRIVER 7MM	3.04

RETHREADING TOOL 3.5 X 0.6MM

For cleaning out and cutting damaged or malformed threads in electrical boxes and other similar jobs. Manufactured from high speed steel with precision ground threads and an impact resistant PVC handle.



PART NO.	DESCRIPTION	PRICE
J04-4862	RETHREADING TOOL 3.5 X 0.6MM	4.07

CAULKING GUNS

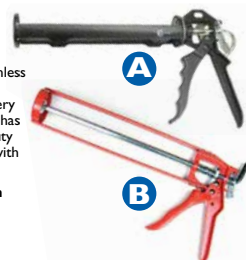
A) ECO-TOOLS

Professional Caulking Gun

Professional sealant gun with frictionless movement which allows for precise control for a more controlled delivery of sealant and mastic. The product has been specially designed for heavy duty applications and is suitable for use with standard 310ml mastic cartridges.

B) Mills Economy Caulking Gun

An economy mastic or sealant gun for use with standard 310 - 350ml cartridges.



PART NO.	DESCRIPTION	PRICE
E22-6392	A) ECO-TOOLS PROFESSIONAL CAULKING GUN	6.61
R99-1217	B) MILLS ECONOMY CAULKING GUN	3.13

GENERAL TOOLING

BOSCH GLI VARILED 14.4V AND 18V LITHIUM WORK LIGHT (BODY ONLY)

The GLI VariLED is an incredibly lightweight and bright (300 Lux) LED worklight which is compatible with Bosch slide on lithium-ion, 14.4V/18V batteries. Comes with protective carry case which can be attached to your kit with the belt clip attached.

Battery not included.

- Operating time (18V / 3.0 Ah): 420 mins
- Operating time (14.4V / 3.0 Ah): 330 mins



PART NO.	DESCRIPTION	PRICE
P09-5687	BOSCH GLI VARILED 14.4V AND 18V LITHIUM WORK LIGHT	68.29
P09-7296	BOSCH GALI1880CV BATTERY CHARGER 14.4 TO 18VOLTS	54.08
P09-2349	BOSCH 18V 2AH LHION BATTERY	29.36

BOSCH 14.4/18V LED FLOOD LIGHTS (BODY ONLY)

Powered by either 14.4 or 18V Bosch Li-Ion Battery (not included) this cordless, powerful LED flood light provides up to 1900 lumens with a battery runtime of up to 8 hours, depending on battery.

Performance data:

Luminous flux 1900 lumen
Operating time 14.4 V 80 mins/Ah
Operating time 18 V 100 mins/Ah



PART NO.	DESCRIPTION	PRICE
P09-5688	BOSCH GLI 18V1900 C CORDLESS 14.4V/18V LED FLOOD LIGHT	117.14
P09-7296	BOSCH GALI1880CV BATTERY CHARGER 14.4 TO 18VOLTS	54.08
P09-2349	BOSCH 18V 2AH LHION BATTERY	29.36

MILLS LED HEAD TORCH

Professional LED Head Torch, ideal for proximity lighting for inspection work producing 150 lumens with a maximum range of 25 metres. The head torch benefits from a fully adjustable washable 25mm head strap, and has 180 degree lamp adjustment. This heavy duty style head torch features 2 white lighting modes and 1 red light option, for preserving night vision.

The product is supplied in black ABS and requires 3 x AAA batteries (not provided) with a working time of 6-10 hours.

Ingress protection: IP44 Rating
LED Lifetime: 100,000 hours.
Dimensions: 60 x 45 x 60mm.
Weight: 56g.



PART NO.	DESCRIPTION	PRICE
M99-7576	MILLS LED HEAD TORCH	10.09

MILLS INTRINSICALLY SAFE TORCH

A portable, handheld intrinsically safe flashlight, ATEX IECEx Approved, for use in hazardous locations and can be powered with three size C alkaline cells (not included). It has high and low mode operating functions that allow users to operate for high brightness or long duration lighting. The torch further benefits from a pocket clip and wall fixing bracket.

- Intrinsically safe for use in hazardous locations
- High and Low mode functions
- Uses high power CREE LED
- Submersible in water
- Tough and durable casing
- Highly efficient heatsink
- Screw fastener for safety precautions
- Build-in release vent



PART NO.	DESCRIPTION	PRICE
M14-6884	MILLS INTRINSICALLY SAFE TORCH	26.06

PETZL NAO+ HEADTORCH

The Petzl NAO+ is an ultra-powerful, multi-beam, rechargeable headlamp delivering 750 lumens. The headtorch has a 3100mAh battery which can be fully charged in 6-8 hours using the USB charging lead and, depending on the chosen burn time, will provide between 6.5 h or 15 h of bright light. Three beam patterns provide flood, mixed or focused spreads. Weight: 185g.



PART NO.	DESCRIPTION	PRICE
T18-0043	PETZL NAO+ HEADTORCH	128.33

MILLSLITE LED TORCH WORKLIGHT

A) M99-6916 Millslite Combined LED Torch and Work Light. Millslite Combined LED Torch And Worklight. Length 170mm with a diameter of 43mm, weight 280g

B) M99-6998 Mills Magnetic Torch Holder. Designed to be used in conjunction with the Mills M99-6916 'Millslite LED Torch and Worklight', the holder is ideal for accurate positioning on most magnetic surfaces and benefits from 4 friction pads which prevent damage to the work area and also provide additional grip on sheer finishes.



PART NO.	DESCRIPTION	PRICE
M99-7559	A) MILLSLITE LED TORCH WORKLIGHT	17.97
M99-6998	B) MILLS MAGNETIC TORCH HOLDER	4.32

A) LONG LASTING ALKALINE BATTERIES

Long lasting, leakproof alkaline batteries for optimum output & high performance of all torches, measuring instruments and industrial equipment.

PART NO.	DESCRIPTION	PRICE
M99-1200	A) MNI300 (D) BATTERY PACKET 2	3.17
M99-1201	A) MNI400 (C) BATTERY PACKET 2	2.68
M99-6820	A) MNI1500 (AA) BATTERY PACKET 2	1.18
M99-1203	A) MNI604 (PP3) BATTERY PACKET 1	2.04
M99-6864	A) MNI2400 (LR03,AAA) BATTERY PACKET 2	1.29
M99-1059	B) PJ996 LANTERN BATTERY EACH	1.99

B) LANTERN BATTERY

PJ996 long lasting lantern and road lamp batteries.



MILLS RECHARGEABLE LED SITE FLOODLIGHT 10W

Lithium-Ion Rechargeable Portable Worklight. Includes mains charger and cigarette lighter adaptor for charging from vehicles.

- 10W
- IP44 rated
- Pivoting head

Ref: 082862



PART NO.	DESCRIPTION	PRICE
M99-5797	MILLS RECHARGEABLE LED SITE FLOODLIGHT 10W	30.85

BOSCH GIC 120C PROFESSIONAL CORDLESS INSPECTION CAMERA

Professional inspection camera designed for inspecting and documenting hard to reach areas. Features a large 3½" display for a comprehensive view. 1.2m long camera cable with narrow 8.5mm diameter camera head give easy access to difficult inspection areas. Can be powered by a rechargeable 1.5Ah Li-ion battery or 4 x AA batteries. Supplied with L-Boxx inlay.

- 8.5mm Camera Head With 1 x LED Light
- 1.2m Detachable Camera Insulated Flexible Neck Probe
- 3½" Colour LCD Screen
- 320 x 240pixels Resolution
- 4 x AA Batteries Supplied
- 5hours Operating Time
- Real-Time Viewing
- Built-In MicroSD Card Slot
- Digital Zoom



PART NO.	DESCRIPTION	PRICE
P09-5535	BOSCH GIC 120C PROFESSIONAL CORDLESS INSPECTION CAMERA	229.68

MINI MILLSLITE CREE LED TORCH

Mini Millslite Cree LED Torch. Manufactured from high quality corrosion resistant and durable aluminium. This mini torch is ideal for minor inspection applications and is easily stored in a small tool wallet or pocket. The torch is powered by 2 x AA cell batteries (not included) and uses an intense XPG Cree 3w LED. The beam of the minilight torch can easily be adjusted from flood and spot.

Length 147mm with a diameter of 29mm, weight 102g.



PART NO.	DESCRIPTION	PRICE
M99-6914	MINI MILLSLITE CREE LED TORCH	9.22

**LED SITE LIGHTING
SEE PAGE 197**



GENERAL TOOLING

MILLS 24 LED HAND INSPECTION LIGHT

Powerful 24 white LED Inspection worklight producing 30 lumens and ideal for providing proximity lighting for inspection work. The lamp has a durable ABS case with swivel hook and magnet fixing for positioning the torch in the workplace.

Supplied with 3 x AA Batteries.

Weight: 120g.

Dimensions: 201 x 60 x 30mm.



PART NO.	DESCRIPTION	PRICE
M14-0624	24 LED HAND INSPECTION LIGHT	8.19

ELITE LED RECHARGEABLE INSPECTION WAND 800 LUMENS

Ideal tool for illuminating hard to reach areas with 2 operation modes; it can be used as either a floodlight from the main LED or as a spot beam from the LED on the end of the wand. Dimmable by turning a rotary dial, it provides a clear white light output of 800 lumens for up to 10 hours.

Features: Hanging hook, magnetic ball joint base, IP67 rated supplied with 1m USB cable.

Charge Time: approx. 4 hours.

Overall Dimensions: 414 x 52 x 48mm.

Weight: 260g.



PART NO.	DESCRIPTION	PRICE
M99-3758	ELITE LED RECHARGEABLE INSPECTION WAND 800 LUMENS	26.85

NON-MAGNETIC TITANIUM TOOLS

Ultra-lightweight and completely non-magnetic, titanium tools are the only choice for use in environments such as MRI, NMR, bio-medical and diagnostic imaging where the presence of

high power magnetic fields makes the use of any ferrous tools extremely dangerous.

For full details, contact the Sales Office on 020 8833 2626

HEXAGON WRENCHES



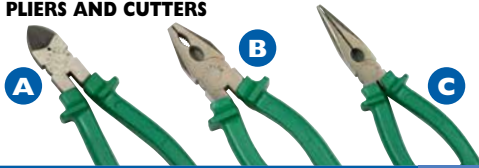
PART NO.	DESCRIPTION	PRICE
H83-8660	2.0MM TITANIUM HEX KEY	12.06
H83-8661	2.5MM TITANIUM HEX KEY	12.06
H83-8662	3.0MM TITANIUM HEX KEY	12.06
H83-8663	4.0MM TITANIUM HEX KEY	12.06
H83-8664	5.0MM TITANIUM HEX KEY	14.95
H83-8665	6.0MM TITANIUM HEX KEY	18.68
H83-8666	8.0MM TITANIUM HEX KEY	33.21
H83-8667	10.0MM TITANIUM HEX KEY	39.14

SCREWDRIVERS



PART NO.	DESCRIPTION	PRICE
H83-8674	PHILLIPS® NO 1 X 75MM SCREWDRIVER	16.60
H83-8675	PHILLIPS® NO 2 X 100MM SCREWDRIVER	29.07
H83-8676	SLOTTED 3/32 X 3" SCREWDRIVER	16.60
H83-8677	SLOTTED 1/8 X 2" SCREWDRIVER	16.60
H83-8678	SLOTTED 3/16 X 4" SCREWDRIVER	16.60
H83-8679	SLOTTED 1/4 X 5" SCREWDRIVER	27.53
H83-8680	SLOTTED 5/16 X 6" SCREWDRIVER	28.43
H83-8681	SLOTTED 1/8 X 8" SCREWDRIVER	31.33

PLIERS AND CUTTERS



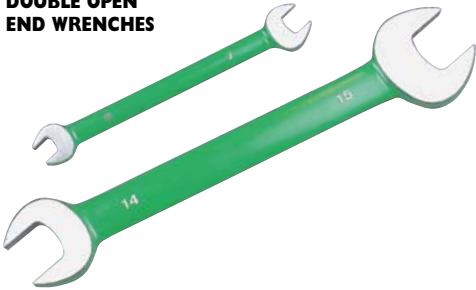
PART NO.	DESCRIPTION	PRICE
H83-8697	A) DIAGONAL CUTTING PLIERS 160MM	119.27
H83-8698	B) COMBINATION PLIERS 200MM	142.47
H83-8715	C) LONG NOSE PLIERS 180MM	119.27

ADJUSTABLE WRENCHES



PART NO.	DESCRIPTION	PRICE
H83-8682	8" ADJUSTABLE WRENCH	258.68
H83-8699	10" ADJUSTABLE WRENCH	332.09
H83-8700	12" ADJUSTABLE WRENCH	812.76

DOUBLE OPEN END WRENCHES



PART NO.	DESCRIPTION	PRICE
H83-8668	6 X 7MM TITANIUM WRENCH	30.69
H83-8669	8 X 10MM TITANIUM WRENCH	30.46
H83-8670	9 X 11MM TITANIUM WRENCH	34.61
H83-8671	10 X 12MM TITANIUM WRENCH	36.26
H83-8672	13 X 15MM TITANIUM WRENCH	38.92
H83-8673	17 X 19MM TITANIUM WRENCH	72.51
H83-8690	12 X 13MM TITANIUM WRENCH	31.72
H83-8691	14 X 15MM TITANIUM WRENCH	43.05
H83-8692	16 X 17MM TITANIUM WRENCH	67.59
H83-8693	18 X 19MM TITANIUM WRENCH	80.00
H83-8694	20 X 22MM TITANIUM WRENCH	122.35
H83-8695	21 X 23MM TITANIUM WRENCH	101.63
H83-8696	24 X 26MM TITANIUM WRENCH	184.66

COMBINATION WRENCHES



PART NO.	DESCRIPTION	PRICE
H83-8701	6MM COMBINATION WRENCH	32.33
H83-8702	7MM COMBINATION WRENCH	32.33
H83-8703	8MM COMBINATION WRENCH	34.35
H83-8704	9MM COMBINATION WRENCH	32.33
H83-8705	10MM COMBINATION WRENCH	36.53
H83-8706	11MM COMBINATION WRENCH	36.53
H83-8707	12MM COMBINATION WRENCH	34.44
H83-8708	13MM COMBINATION WRENCH	38.18
H83-8709	14MM COMBINATION WRENCH	38.18
H83-8710	15MM COMBINATION WRENCH	51.14
H83-8711	16MM COMBINATION WRENCH	70.04
H83-8712	18MM COMBINATION WRENCH	67.38
H83-8713	20MM COMBINATION WRENCH	83.16
H83-8714	21MM COMBINATION WRENCH	118.45
H83-8683	19MM COMBINATION WRENCH	74.86
H83-8684	22MM COMBINATION WRENCH	126.69
H83-8685	24MM COMBINATION WRENCH	122.63

ECO-TOOLS 125MM FLUSH CUTTERS

A forged 125mm (5") high quality flush cutter ideal for cutting nylon cable ties and copper wire up to a diameter of 1mm (18SWG). This side cutter has a return spring to assist with repetitive cutting applications.

The nipper has a polished head and blue PVC dipped handles.



PART NO.	DESCRIPTION	PRICE
E72-0617	MILLS FLUSH CUTTER 125 MM	6.13

MILLS MASTERCLASS CUTTER CABLE HAND NO.2



For thick ethernet, 100 pair telephone cable (27mm) & up to RG174, RG9 coax cables.

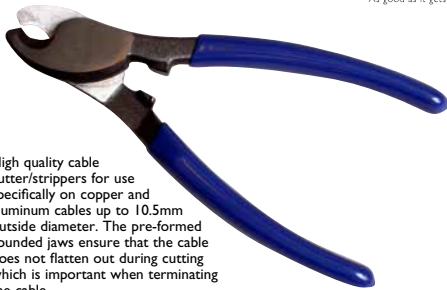
Wire and cable cutter for precision cutting of large diameter aluminium and copper cables up to a diameter of 27mm (100 Pair). The wire cutter benefits from a built-in return spring and locking latch for convenient and safe storage.

Overall length 220mm.



PART NO.	DESCRIPTION	PRICE
E00-3021	MILLS MASTERCLASS CUTTER CABLE HAND NO.2	11.67

MILLS MASTERCLASS CABLE CUTTERS FOR 10.5MM O.D.



High quality cable cutter/strippers for use specifically on copper and aluminum cables up to 10.5mm outside diameter. The pre-formed rounded jaws ensure that the cable does not flatten out during cutting which is important when terminating the cable.

Overall length 160mm.

PART NO.	DESCRIPTION	PRICE
E00-1113	MILLS MASTERCLASS 10.5MM CABLE CUTTERS	9.71

ECO-TOOLS CABLE CUTTER FOR 20MM DIAMETER

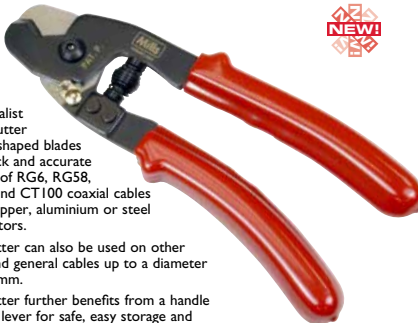


A cost-effective general purpose cable cutter for copper cable up to a diameter of 20mm with PVC blue dipped handles.

Overall length: 250mm.

PART NO.	DESCRIPTION	PRICE
E22-6376	ECO-TOOLS CABLE CUTTER 20MM	5.22

MILLS COAXIAL CABLE CUTTER



A specialist cable cutter with v-shaped blades for quick and accurate cutting of RG6, RG58, RG59 and CT100 coaxial cables with copper, aluminium or steel conductors.

The cutter can also be used on other coax and general cables up to a diameter of 10.5mm.

The cutter further benefits from a handle locking lever for safe, easy storage and comfort grip handles.

Overall length: 165mm.

PART NO.	DESCRIPTION	PRICE
E00-6176	MILLS COAXIAL CABLE CUTTER	10.20

MILLS MASTERCLASS CABLE CUTTER 2B (450MM)



High leverage parrot beaked cable cutter suitable for cutting non-armoured and non ferrous cables of up to a maximum 25mm diameter.

Overall length 450mm.

PART NO.	DESCRIPTION	PRICE
E66-6891	MILLS MASTERCLASS CABLE CUTTER 2B - 450MM	16.43

HYDRAULIC CABLE CUTTER

A hand operated hydraulic tool specifically designed to cut copper, aluminium and telecommunications cables with a max. overall diameter of 40mm, exerting up to 7 tonnes of pressure. The blades are manufactured from Chrome Vanadium Steel, heat treated to ensure a long service life. Suitable for steel and aluminum shields.

Weight: 6kg.
Overall length: 600mm approx.



PART NO.	DESCRIPTION	PRICE
E00-6597	HYDRAULIC CABLE CUTTER 40MM	252.35

ALL-IN-ONE FIBRE CABLE & KEVLAR CUTTER

This unique 160mm length diagonal side cutter is designed specifically to cut through Kevlar and steel wire reinforced fibre optic drop cables (including slippery fish and other hybrid cables) in one simple movement with just this one tool



PART NO.	DESCRIPTION	PRICE
E00-6885	ALL-IN-ONE FIBRE CABLE & KEVLAR CUTTER	19.52

TABBING SHEARS

Shears designed specifically for making longitudinal cuts in cable sheath and metallic shield. The lower snout is rounded and thinly contoured to fit smoothly between the cable shield and the core wrap without damaging conductors.



Suitable for steel and aluminum shields.

PART NO.	DESCRIPTION	PRICE
E66-4668	TABBING SHEARS	75.53

HEAVY DUTY FIBRE CABLE CUTTER

A specialist shear cutter designed for cutting steel wire rope and ideal for cutting catenary wire and drop cable containing a strength member.

Capacity 6mm and overall length 190mm, the cutter has heavy duty handles for repetitive applications and spring with locking catch.



PART NO.	DESCRIPTION	PRICE
E00-6861	MILLS HEAVY DUTY FIBRE CABLE CUTTER	26.48

MILLS MASTERCLASS RATCHET CABLE CUTTER 32MM CAPACITY

Ratchet action cable cutter with precision ground cutting edges. Ideal for high leverage cutting, without deformation, of copper and aluminium multi stranded telco cable and up to 32mm diameter telco cable. Features comfort grip handles for repetitive applications

Overall length: 265mm.



PART NO.	DESCRIPTION	PRICE
E66-1259	MILLS MASTERCLASS RATCHET CABLE CUTTER 32MM CAPACITY	66.95

MILLS RATCHET CABLE CUTTER 53MM CAPACITY

Ratchet action cable cutters, with precision ground cutting edges, for high leverage cutting, without deformation of multi stranded telecom cables up to 2700 pairs.

Cuts up to 600MCM copper & 750MCM aluminium power cable cable.

Features:

- Comfort grip handles for repetitive applications.
- Handle locking mechanism for improved safety and easier storage.
- Quick release blade mechanism for speedy blade reset.
- Single speed ratchet for low operational force.
- Heavy duty durable blade for extended product life.
- Maximum capacity 2 1/8" or 53mm
- Overall length 280mm



PART NO.	DESCRIPTION	PRICE
E66-3742	MILLS RATCHET CABLE CUTTER 53MM CAPACITY	89.61

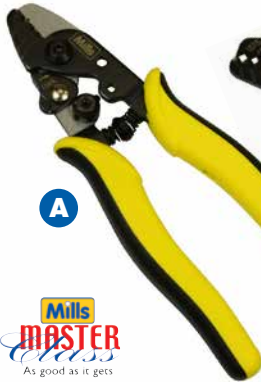
**A) MILLS MASTERCLASS
3-WAY FIBRE OPTIC STRIPPER**

Features high frequency heat treated / induction hardened cutting edges that ensure repeatable precision cutting & stripping to the very highest tolerances, whilst offering extreme durability.

The strippers further benefit from bi-material comfort grip handles for repetitive use.

The three stripping edges are ideal for general fibre installation and assembly work, covering the following applications:

- Stripping & removal of 2mm outer jacket
- Stripping 900µm buffer insulation
- Stripping 250µm acrylate coating

**B) MILLS MASTERCLASS
5-WAY FIBRE OPTIC STRIPPER**

Features high frequency heat treated / induction hardened cutting edges that ensure repeatable precision cutting & stripping to the very highest tolerances whilst offering extreme durability.

The strippers further benefit from bi-material comfort grip handles for repetitive use.

The five stripping edges are ideal for general fibre installation and assembly work, covering the following applications:

- Strips outer jacket from 2.0 – 2.4mm fibre
- Strips outer jacket from 2.8 – 3.0mm fibre
- Strips loose tube from 2.0 – 3.0mm fibre
- Strips 900µm buffer insulation
- Strips 250µm acrylate coating

**C) MILLS MASTERCLASS
SINGLE HOLE FIBRE STRIPPER**

A classic 'contractor' single hole fibre stripper for stripping 250µm acrylate buffer coating from 125µm optical fibre. The stripper features high frequency heat treated / induction hardened cutting edges which ensure repeatable precision cutting and stripping to the very highest tolerances whilst offering extreme durability

The strippers further benefit from bi-material comfort grip handles for repetitive use.



PART NO.	DESCRIPTION	PRICE
E00-6170	A) MILLS MASTERCLASS 3-WAY FIBRE OPTIC STRIPPER	22.56
E00-6175	B) MILLS MASTERCLASS 5-WAY FIBRE OPTIC STRIPPER	33.94
E00-2530	C) MILLS MASTERCLASS SINGLE HOLE FIBRE STRIPPER	19.95

**MILLER 'TRI-HOLE'
FIBRE OPTIC STRIPPER**

Three-hole model performs all common fibre stripping functions in one compact tool.

- Standard 250 to 125µm stripping
- Removes 900 tight buffer to 250µm buffer coating
- Hole for removal of 2 to 3mm fibre jackets



PART NO.	DESCRIPTION	PRICE
E00-7712	MILLER TRI-HOLE STRIPPER	54.55

**MILLER FIBRE OPTIC
BUFFER STRIPPER 10A**

The industry standard original Miller 10A tool used for stripping 250µm primary acrylate coating (buffer) from 125µm optical fibre. All cutting surfaces are precision formed, hardened, tempered and ground assuring precise buffer removal.



PART NO.	DESCRIPTION	PRICE
E00-2021	MILLER FIBRE STRIPPER 10A	31.55

MILLS FIBRE STRIPPER 1A

A compact fibre optic cable stripper for circumferential and longitudinal stripping. At just 73mm long this versatile fibre stripper is ideal for stripping in confined spaces.

The stripper uses two 'V' groove steps (0-3.2mm and 3mm- 6.4mm) making it suitable for circumferential and longitudinal stripping of most fibre optic cables up to a maximum diameter of 6.4mm.



PART NO.	DESCRIPTION	PRICE
E00-6912	MILLS FIBRE STRIPPER 1A	15.40
E00-4829	SPARE BLADES FOR FIBRE STRIPPER 1A PK2	4.82

JONARD FIBRE CABLE STRIP & RING TOOL

Designed to slit and ring cables, buffer tubes and jackets on fibre optic cables up to 7.5mm (0.3") in diameter. The tool features an easily adjustable slit blade and ring blade as well as a removable and reversible V block that improves slitting performance and accommodates smaller to larger diameter cables.

- For 1.2-7.5mm outer diameter cables
- Ring & Slit functions



PART NO.	DESCRIPTION	PRICE
E00-6414	JONARD FIBRE CABLE STRIP & RING TOOL	27.55

IDEAL MULTICORE FIBRE/ COAX STRIPPER FOR 3.5-5.5MM

A precision clothes peg style stripper that is very compact and simple to use. The adjustable blades can be set for any depth to help ensure nick-free stripping on a variety of coaxial cables including twisted pair, tightly wrapped stranded cable, CATV, CB Antenna cable, SO, SJ, SJT with a diameter 3.2mm – 5.6mm (1/8" to 7/32). The stripper is supplied with one round and three straight blades. In addition the stripper can be used for circumferential and longitudinal stripping of fibre cables with a diameter of between 3.2mm – 5.5mm (1/8" to 7/32).



PART NO.	DESCRIPTION	PRICE
E00-5878	MULTICORE FIBRE/COAX STRIPPER FOR 3.5-5.5MM	24.77

IDEAL MULTICORE FIBRE/COAX STRIPPER FOR 6.5-14MM

A precision clothes peg style stripper that is very compact and simple to use. The adjustable blades can be set for any depth to help ensure nick-free stripping on a variety of coaxial cables including twisted pair, tightly wrapped stranded cable, CATV, CB Antenna cable, SO, SJ, SJT with a diameter 6.35mm – 14.29mm (1/4" – 9/16"). The stripper is supplied with one round and three straight blades. In addition the stripper can be used for circumferential and longitudinal stripping of fibre cables with a diameter of between 6.35mm – 14.29mm (1/4" – 9/16").



PART NO.	DESCRIPTION	PRICE
E00-7700	MULTICORE FIBRE/COAX STRIPPER FOR 6.5-14MM	35.25

IDEAL FIBRE/UTP/STP/COAX STRIPPER (5-8MM)

Stripper suitable for a range of cable types with an outside diameter of 5-8mm. Adjustable blades can be set for any depth to help ensure nick-free strips. Includes one round and three straight blades.



PART NO.	DESCRIPTION	PRICE
E00-3035	IDEAL FIBRE/UTP/STP COAX STRIPPER	19.08

IDEAL STRIPPER FIBRE 1A (UP TO 3.2MM)

Most commonly used to remove the secondary coating from loose jacket optical fibres or RG174/179/187 coax. Features 3 blades, one located on each side of the unit and one at the front for slitting. Blades can be adjusted individually for the type of strip desired, termination or window. For use on cables up to 3.2mm outer diameter.



PART NO.	DESCRIPTION	PRICE
E00-2018	IDEAL STRIPPER FIBRE 1A	23.19

GENERAL TOOLING

MILLS MASTERCLASS STRIPPER CABLE SHEATH NO.5A

E00-6626 Mills Masterclass Stripper Cable Sheath No5A- Suitable for entering fibre or copper cable this is an exceptionally simple and robust stripper has capability to circumferentially and longitudinally strip sheath from cable 6-25mm. Dimensions: 94 x 49 x 40mm Colour – Yellow Ref: 062670



PART NO.	DESCRIPTION	PRICE
E00-6626	MILLS STRIPPER CABLE SHEATH NO.5A	20.55
E00-6627	SPARE BLADE FOR STRIPPER CABLE SHEATH NO.5A	4.07

MILLS MASTERCLASS CABLE RINGING TOOL

For fast stripping and removal of sheath from power and copper/ fibre telecom round cables to a depth of 4.75mm (3/16"). A small rotating blade accurately splits the circumference of the jacket, then by flicking a switch, the same blade will rotate 90° and is used to split the jacket down one side for easy removal.



PART NO.	DESCRIPTION	PRICE
E70-5001	MILLS MASTERCLASS CABLE RINGING TOOL	15.31
E70-5003	SPARE BLADE FOR CABLE RINGING TOOL	2.78

KABIFIX STRIPPER CABLE SHEATH NO.5

A stripping tool for circumferential and longitudinal stripping of cables up to a diameter of 28mm. In addition the tool is ideal for gaining access to the microducts in subducts. Suitable for both copper and fibre applications.



PART NO.	DESCRIPTION	PRICE
S83-0952	KABIFIX STRIPPER CABLE SHEATH NO.5	28.77

JONARD CABLE STRIPPER & RINGING TOOL

This Cable Sheath Stripper is used to ring-cut many types of tight buffer, loose tube buffer, breakout cables and other types of jacketed fibre cables. A slitting blade is built into the tool and can be used to slit open the cable sheath if needed. Depth of the cut has two adjustments for .018" or .031" thick plastic, rubber or fabric insulation, and can handle cable diameters from 1/8" to 3/8". One spare blade of each style is included with the tool. Also known as CT2860. Replacement stripping blades and ringing blades are also available.



PART NO.	DESCRIPTION	PRICE
E00-6422	JONARD CABLE STRIPPER & RINGING TOOL	55.48
E00-4824	REPLACEMENT STRIPPER BLADES PK 6	7.64
E00-4825	REPLACEMENT RING BLADES PK 6	7.64



RIPLEY MILLER ACS+ CABLE SLITTER 4-28MM

Designed for use on armoured fibre feeder, central tube & stranded loose tube fibre optic cables, as well as various other non-fibre armoured cables, the ACS Plus easily cuts through the polyethylene jacket and corrugated copper, steel or aluminium armour layer in one smooth step for cable diameters from 0.157" to 1.125" (4 to 28.6 mm) in 0.004" (0.1mm) increments without any additional tools.



PART NO.	DESCRIPTION	PRICE
E00-0983	RIPLEY MILLER ACS+ CABLE SLITTER	105.02
E00-0489	REPLACEMENT BLADE FOR ACS+ CABLE SLITTER	30.59

MILLS KEVLAR SCISSORS

Lightweight scissors for cutting Kevlar® strength members found in fibre optic cables. The serrated scissor blades reduce slipping and the tool further benefits from ergonomic moulded handles. Length: 140mm Weight: 79g, Ref: 080470.



PART NO.	DESCRIPTION	PRICE
E00-5004	MILLS KEVLAR SCISSORS	13.60

JONARD CABLESABER™

The Jonard Tools CableSaber™ is the ultimate tool for gaining mid-span access to armored or thick jacketed cables 4 mm-28.6 mm (0.157"-1.125") in diameter. This mid-span cable slit and ring tool also features an adjustable blade depth up to 5.5 mm (0.216")



PART NO.	DESCRIPTION	PRICE
E00-2851	JONARD CABLESABER™	87.47

MILLS MASTERCLASS CABLE & KEVLAR SCISSORS

Scissors for cutting copper cable and can also be used for cutting Kevlar strength members found in fibre optic cables.

The serrated scissor blades reduce slipping and the ergonomic, moulded handles provide comfort for both right and left-handed users. Length: 140mm.



PART NO.	DESCRIPTION	PRICE
N70-0350	MILLS MASTERCLASS CABLE SCISSORS 140MM	12.29

OPT T0199 JUMPER CABLE SHEATH STRIPPER

Longitudinal cable sheath stripper designed for 3mm fibre jumper cable. A simple longitudinal sheath cutting tool whereby the stripper is "drawn" longitudinally along the cable axis cutting the cable sheath into two sections.



PART NO.	DESCRIPTION	PRICE
E00-1409	OPT T0199 JUMPER CABLE SHEATH STRIPPER	39.99

JONARD JIC-190 FLUSH CUT KEVLAR CUTTER 150MM

The Jonard Tools JIC-190 Flush Cut Kevlar® Cutters are designed to cut Kevlar®, cabling insulation, tape, cable ties, and other materials flush to the surface.

Features:

- Thin-nose jaws provide easy access into tight places and allow for flush cutting of Kevlar® to the fibre jacket
- Serrated edge holds Kevlar® in place for clean and precise cutting
- Non-serrated blade can be sharpened for continuous long life
- Spring-loaded thermoplastic rubber handles return to the open position for enhanced ergonomics and reduced hand fatigue



PART NO.	DESCRIPTION	PRICE
E00-1833	JONARD JIC-190 FLUSH CUT KEVLAR CUTTER 150MM	22.35

JONARD FIBRE OPTIC DROP CABLE SLITTER (SLIPPERY FISH)

Simplifies the slitting of drop cable jackets at the end of the cable or mid-span. Developed specifically for FTTH technicians working with flat fibre drop cables. For flat cables, where the width is .305"-.350" and the height is .155"-.185". These are the dimensions of a typical Corning SST-Drop flat cable with a jacket thickness of 0.03-0.04 inches.

The tool will work on other cables with similar dimensions.

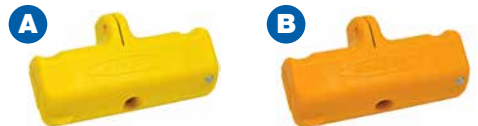
It slits both sides of the jacket giving easy access to the fibre or strength member. Simply position the tool around the cable, pull and slit. A simple twist of the cable allows the jacket and strength members to separate from the buffer tube leaving the fibre undamaged.



PART NO.	DESCRIPTION	PRICE
C00-6785	JONARD SLIPPERY FISH CABLE SLITTER	37.54
C00-6786	REPLACEMENT BLADES (PK 10)	1.55

MILLER MB04 SERIES FTTX DROP CABLE SLITTERS

Patent-pending design slits both sides of FTTX drop cable jackets on end or mid-span applications and allows for precise, safe and easy access to fibre buffer tube. Its unique articulating hinge allows accurate end and mid-span stripping without disassembling the tool - simply close the tool over the cable and pull to slit jacket. Includes two installed reversible blades and two additional spare blades stowed conveniently in the tool.



A) Flat Drop Cable Slitter compatibility: CommScope®, Corning, Draka/Comteq, OFS, Prysmian, Superior Essex

B) FTTX 36F Drop Cable Slitter compatibility: 11mm diameter cables from Corning, OFS, Prysmian, Hexatronic, Sterlite



PART NO.	DESCRIPTION	PRICE
C00-7681	A) MB04 FLAT SST DROP FIBRE SLITTER	31.53
E00-1530	B) MB04 FTTX 36F ULW OH DROP FIBRE SLITTER	48.52
C00-4356	REPLACEMENT BLADES (PK 4)	6.08

JONARD FOR-3000 ROUND FIBRE CABLE SLITTER

Round Cable Slitter is designed to easily and safely open round fibre optic cable jackets from 9 to 19 mm in diameter; providing easy fibre access for both mid span and end of cables.

Works on light armoured cables with easily replaceable with replacement blade E00-0976.



PART NO.	DESCRIPTION	PRICE
E00-0958	JONARD FOR-3000 ROUND FIBRE CABLE SLITTER	77.40
E00-0976	SPARE BLADE FOR JONARD FOR-3000 (PK 2)	68.64

JONARD WSS-4625 WEB SLITTER & SHAVING TOOL

Designed to slit and shave the webbing off messengered hardline COAX cables and figure 8 fibre cables, ranging from 0.400"-0.625" (10.2 mm-15.9 mm) in diameter. Adjustment knob for the shaver tightens down cables for close shaving.

Locking mechanism provides increased leverage to easily penetrate thick webbing with shaving blade to remove excess webbing and provide a smooth surface for cable termination.



PART NO.	DESCRIPTION	PRICE
E00-1851	JONARD WSS-4625 WEB SLITTER & SHAVING TOOL	105.94

DROP CABLE, DROP FIBRE, DROPWIRE

The ideal tool for the fast and safe removal of the outer sheath for dropfibre cables. Lightweight, one piece moulded body with totally enclosed blades ensure a safe single handed push-on then pull-off operation in any working environment. The precisely calibrated blades guarantee no damage to the internal optical fibres or conductors. This tool is also factory set, therefore no adjustments are needed and it is ready to use out of the box. Available in 3 cable options;

- A) E68-4672 Hybrid Drop cable CW1846
- B) E68-6809 Optical Drop Fibre 12F
- C) E68-5487 Copper Dropwire 10A, 11, 12 & CAD55



PART NO.	DESCRIPTION	PRICE
E68-4672	A) HYBRID OVERHEAD DROP CABLE CW1846	16.63
E68-6809	B) DROP FIBRE 12F FIBRE OPTIC STRIPPER	18.49
E68-5487	C) STRIPPER DROPWIRE 10A	12.88

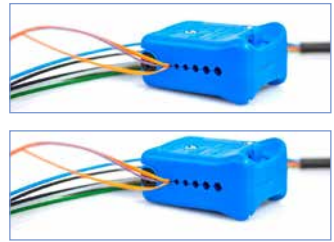


JONARD MID SPAN STRIPPERS

These PATENTED slit and ring tools are designed to open fibre jackets and loose buffer tubes to provide easy fibre access. One side of the tool slits fibre jackets and loose buffer tubes, the opposite side rings fibre jackets and loose buffer tubes. All this is done without damage to the fibre. Blades are replaceable. Note: MS-326 is designed for cables used in ducts and microducts.

Simple to use:

- 1 Select the correct groove. Grooves marked with the recommended cable size
- 2 Place the cable in the groove to be used
- 3 Note: The arrow on the top of the tool indicates the pulling direction and the line indicates the blade location
- 4 Close the tool making sure lock is engaged and pull to slit the cable
- 5 For ring operation use ring side of tool and repeat steps above, instead of pulling rotate the tool 3-6 times to ring the cable



PART NO.	A) E00-3608 (MS526)	B) E00-0962 (MS-426)	C) E00-3609 (MS336)	D) E00-7630 (MS326)	E) E00-3613 (MS316)	F) E00-3614 (MS306)	G) E00-6427 (MS26)	H) E00-6426 (MS6)
DESCRIPTION	MID SPAN SLIT & RING TOOL (9.8 MM-18.2MM)	MID SPAN SLIT & RING TOOL (5.8 MM-12 MM)	MID SPAN SLIT & RING TOOL (7.9-8.2 & 10.7-11.0 MM)	MID SPAN SLIT & RING TOOL (5 MM-10 MM)	MID SPAN SLIT & RING TOOL (2.9 MM-6.8 MM)	MID SPAN SLIT & RING TOOL (1.2 MM-3.3 MM)	MID SPAN SLITTER (2.9 MM-6.8 MM)	MID SPAN SLITTER (1.2 MM-3.3 MM)
NO OF GROOVES	8 (4 SLITTING, 4 RINGING)	8 (4 SLITTING, 4 RINGING)	4 (2 SLITTING, 2 RINGING)	10 (5 SLITTING, 5 RINGING)	10 (5 SLITTING, 5 RINGING)	12 (6 SLITTING, 6 RINGING)	5	6
GROOOVE SIZES	9.8-10.2 MM, 11.8-12.2 MM, 15.4-15.8MM, 17.8-18.2 MM	5.8-6.4 MM, 7.8-8.4MM, 9.8-10.4 MM 11.2-12 MM	7.9-8.2 MM, 10.7-11.0 MM	5.0-5.6 MM, 6.0-6.6MM, 7.2-7.8 MM, 7.8-8.4 MM, 9.4-10 MM	2.9-3.6 MM, 3.6-4.4MM, 4.4-5.2 MM, 5.2-6.0 MM, 6.0-6.8 MM	1.2-1.5 MM, 1.5-1.8MM, 1.8-2.1 MM, 2.1-2.5 MM, 2.5-2.9MM, 2.9-3.3 MM	2.9-3.6 MM, 3.6-4.4 MM, 4.4-5.2 MM, 5.2-6.0 MM, 6.0-6.8MM	1.2-1.5 MM, 1.5-1.8 MM, 1.8-2.1 MM, 2.1-2.5 MM, 2.5-2.9 MM, 2.9-3.3 MM
CABLE DIAMETERS	9.8 MM-18.2 MM	5.8 MM-12 MM	7.9 MM & 10.7 MM	5 MM-10 MM	2.9 MM-6.8 MM	1.2 MM-3.3 MM	2.9 MM-6.8 MM	1.2 MM-3.3 MM
CABLE TYPES	CORNING ALTOS® WITH FASTACCESS®	THICK-WALLED JACKETS (UP TO 2.0 MM THICK)	CORNING'S MINIXTEND HD 288 AND 432	THIN-WALLED JACKETS	OUTER JACKETS, LOOSE BUFFER TUBES	OUTER JACKETS, LOOSE BUFFER TUBES	OUTER JACKETS, LOOSE BUFFER TUBES	OUTER JACKETS, LOOSE BUFFER TUBES
PRICE	135.92	134.29	89.65	87.15	84.52	72.15	72.05	65.41

REPLACEMENT BLADE	E00-3615 (MS-526RB)	E00-0974 (MS-426RB)	E00-3616 (MS-336RB)	E00-7633 (MS-326RB)	E00-3669 (MS-316)	E00-3672 (MS306RB)	E00-4826 (MS6427RB)	E00-6423 (MS6-RB)
DESCRIPTION	REPLACEMENT BLADES FOR MS-526	REPLACEMENT BLADES FOR MS-426	REPLACEMENT BLADES SET FOR MS-336	REPLACEMENT BLADES FOR MS-326	REPLACEMENT BLADES FOR MS-316	REPLACEMENT BLADES FOR MS-306	REPLACEMENT BLADES FOR MS-26	REPLACEMENT BLADES FOR MS-6
PRICE	64.89	62.04	40.07	43.97	51.40	46.74	29.03	29.03

MILLS MID SPAN ACCESS FIBRE SLITTER 1.5-3.3MM

A simple and effective longitudinal sheath stripper tool for easy removal of the outer sheath of most fibres with a diameter of 1.5mm to 3.3mm.

Once the fibre has been placed in one of the 4 preset grooves:

- 1.5 - 1.9mm
- 2.0 - 2.4mm
- 2.5 - 2.9mm
- 3.0 - 3.3mm

The 'Slitter' can simply be pulled along it's length, slitting the outer sheath into two halves.



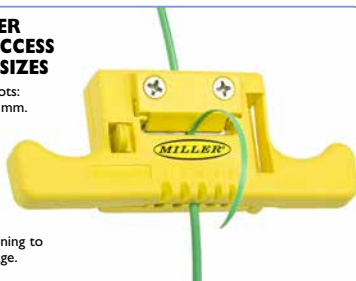
PART NO.	DESCRIPTION	PRICE
E00-6625	MILLS MID SPAN ACCESS FIBRE SLITTER	19.59

RIPLEY MILLER MID-SPAN ACCESS TOOL FOR 5 SIZES

Features 5 cable slots: 1.9, 2.2, 2.5, 2.7, 3 mm.

Allows easy mid-span (window cut) access to optical fibres in loose buffer tubes.

Shaves precise opening to prevent fibre damage.



PART NO.	DESCRIPTION	PRICE
E00-4986	MID-SPAN ACCESS TOOL 5 SIZE	50.27
E00-4987	SPARE BLADES (PK5)	11.76

RIPLEY MILLER MSAT 16 MID SPAN ACCESS TOOL

The new MSAT® 16, designed to easily size and access fibres in loose tube cables ranging from 1 to 3 mm diameters in mid-span applications.

- 16 unique diameter settings accommodate loose tubes ranging from 1 mm to 3 mm.
- Convenient built-in sizing channels quickly determine proper setting for a wide variety of loose tube cables.
- It's self-aligning, easy-to-load buffer tube channel supports & guides the tube through precision shaving operation.
- Fixed stainless steel blades require no adjustments and are replaced easily.



PART NO.	DESCRIPTION	PRICE
E00-7241	RIPLEY MILLER MSAT 16 MID SPAN ACCESS TOOL	74.06
E00-3701	REPLACEMENT BLADES FOR MSAT 16	32.57

JONARD RST-8514 RISER SLITTING TOOL

Designed to shave a longitudinal access window in round FTTH riser cables and microducts, this riser slitting tool is perfect for making access windows on cables 8 to 14 mm (0.33" to 0.55") in diameter without damaging the fibre inside. This tool features the following:

- Lightweight and narrow body can access closely spaced and surface mounted cables
- High carbon steel blade slices through any type of FTTH cable
- Factory-fixed blade requires no adjustments when working with different diameter cables
- Easily replaceable blades can be purchased separately (RST-RB25 replacement blades, pack of 25)



PART NO.	DESCRIPTION	PRICE
E00-7631	A) JONARD RST-8514 RISER SLITTING TOOL	77.72
E00-7634	B) SPARE BLADES (PK 25)	35.64

RIPLEY MILLER FIBRE TUBE SCORING TOOL

A uniquely designed precise one-step buffer tube scorer that scores tube sizes from 1.6mm to 6.0mm. Factory pre-fixed steel blade means no adjustment required.



PART NO.	DESCRIPTION	PRICE
E00-4743	FIBRE TUBE SCORING TOOL	13.27

RIPLEY MILLER MSAT MID SPAN ACCESS KIT

A convenient kit for the fibre technician requiring mid-span access on fibres.

The complete kit comprises:

- FO 103S Series Fibre Optic Stripper
- KS-1 Series Fibre Optic Kevlar® Shears
- RCS-114 Series Cable Strippers For Hard Cable Jackets
- MSAT® 5 Series Mid-Span Fibre Access Tool
- MSAT® Micro Series Tool Body with 1.2 mm, 1.4 mm, 1.6 mm & 1.8 mm MSAT® Micro Inserts



PART NO.	DESCRIPTION	PRICE
E00-7415	RIPLEY MSAT MID-SPAN ACCESS KIT	209.89

RIPLEY MILLER RBT RISER BREAK-OUT TOOL

The Miller RBT Riser Break-out Tool is designed to cut an access window in 8.5mm, 10.5mm, and 14mm riser cable jackets without adjustment.

- Compact & lightweight tool designed to shave a longitudinal break-out window in riser cable in FTTH-MDU (multiple dwelling units) applications without damaging the fibre
- Features a narrow aluminum body to easily access closely spaced & surface-mounted riser cables
- Factory-set, high-carbon steel blade is recessed to prevent injury
- Fits into small areas for closely packed riser cables



PART NO.	DESCRIPTION	PRICE
E00-4536	MILLER RBT RISER BREAK-OUT TOOL	98.45

MILLS STRIPPER CABLE SHEATH 7 (4-16MM)

Cable Sheath Stripper for making both longitudinal and circumferential cuts in cables 4-16mm outside diameter.



PART NO.	DESCRIPTION	PRICE
S83-0914	MILLS STRIPPER CABLE SHEATH 7 (4-16MM)	10.72

STRIPPER CABLE SHEATH 8 (8-28MM)

Cable Sheath Stripper for making both longitudinal and circumferential cuts in cables 8-28mm outside diameter.



PART NO.	DESCRIPTION	PRICE
S83-0912	STRIPPER CABLE SHEATH 8 (8-28MM)	11.80

STRIPPER CABLE SHEATH 9 (29-35MM)

Cable Sheath Stripper for making both longitudinal and circumferential cuts. For stripping cable diameters 29-35mm.



PART NO.	DESCRIPTION	PRICE
S83-0915	STRIPPER CABLE SHEATH 9 (29-35MM)	14.88

MILLS LONGITUDINAL & CIRCUMFERENTIAL SHEATH STRIPPING TOOL

A specialist ratchet cable slitter with a reversible double-ended replaceable blade with adjustable cutting depth 0-5mm for each unique cable application that can be used for both longitudinal and circumferential stripping on most cables upto 25mm.

The sheath stripper will slit most jacket materials and is capable of both midspan entry or end cable stripping applications.

Ref: 127420.



PART NO.	DESCRIPTION	PRICE
E00-7643	MILLS LONGITUDINAL & CIRCUMFERENTIAL SHEATH STRIPPING TOOL	51.00

MILLS CUTTER LONGITUDINAL 1A

This tool can be used to strip the sheath longitudinally from around blown fibre microduct or other Telco style cable without damaging it. The unwanted tube which surrounds the fibre can be stripped off with ease.



PART NO.	DESCRIPTION	PRICE
E00-0470	A) CUTTER LONGITUDINAL 1A	51.00
E00-3816	B) SPARE BLADE FOR CUTTER LONGITUDINAL 1A	10.96

INDUSTRIAL CABLE JACKET & INSULATION STRIPPER (20MM-52MM)

A large capacity sheath stripper for removing up to 0.2" (5mm) insulation from cable with diameters 20-52mm.

The roller support design provides additional stripping support on the cable mid-spans & ends.



PART NO.	DESCRIPTION	PRICE
S83-3607	INDUSTRIAL CABLE JACKET & INSULATION STRIPPER (20MM-52MM)	191.18

MILLS CATV COAX STRIPPER

Specialist Coaxial Stripper for RG6/59 and RG7/11 Coaxial Cable. A simple and ergonomically designed coaxial cable stripper with reversible, replaceable cartridge and integral depth stop to ensure consistency of strip length.

The stripper also benefits from an integral hook & loop pad which can be used to safely and efficiently smooth back braid prior to connector crimping.

Overall length 130mm



PART NO.	DESCRIPTION	PRICE
E00-6177	A) MILLS CATV COAX STRIPPER	7.52
E00-6178	B) REPLACEMENT BLADE CARTRIDGE RG6/59/7/11	2.83

MILLS COMPACT COAXIAL STRIPPERS

A) C00-8209 This RG6/59 and RG 7/11 compact stripper has pre-set blades to cut the outer jacket and strip the braid/dielectric to a length of 0.25in (6.4mm) in both stripping stations.

B) E00-6588 Mills Stubby Stripper is a coaxial cable stripper specifically designed to end strip RG6/59 Coax Cable in a wall outlet. This tool eliminates the need to run new cable thereby saving time and money.



PART NO.	DESCRIPTION	PRICE
C00-8209	A) COMPACT COAXIAL STRIPPER	7.52
E00-6588	B) MILLS 'STUBBY' COAXIAL STRIPPER	8.19
E00-6589	C) REPLACEMENT BLADE CARTRIDGE RG6/RG59	2.83

MILLS EASY ACCESS COAXIAL STRIPPER

A compact 2-level CATV Cable Stripper for cable RG6/59 and RG7/11.

- Compact design – only 94mm long
- Braid dielectric strip length 0.25" (6.4mm)
- Pre-set – no adjustment needed for cable preparation
- Fitted with cable stopper
- Braid folding assist (NEW)
- One reversible stripping cassette (replaceable)



PART NO.	DESCRIPTION	PRICE
E00-5853	A) MILLS EASY ACCESS COAXIAL STRIPPER	10.30
E00-5854	B) REPLACEMENT BLADE CARTRIDGE RG6/59/7/11	4.12

MILLS UNIVERSAL COAXIAL CABLE STRIPPER

This 3-level cable stripper is the latest in design and coaxial cable stripping technology. This tool strips most coaxial cable between 4.50 and 7.00mm without or just small adjustment to the individual fitted blades. The stripping length is factory set at 8.00mm for the braid and 4.00mm for the dielectric, but can be adjusted to 6.00mm.

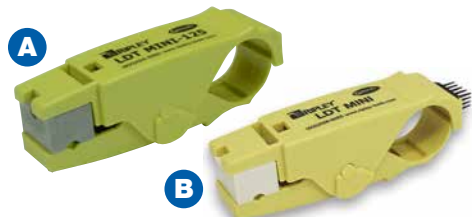


PART NO.	DESCRIPTION	PRICE
E00-5006	UNIVERSAL COAXIAL CABLE STRIPPER	6.59

LIGHTWEIGHT DROP TRIMMERS

E00-4980 Coax Stripper for cable preparation of RG59, RG6 and N48 coax cable (std, tri and quad) without adjustment or blade cassette change out. For use with MINI (22-24) and N35 AWG drop cables.

E00-5984 Coax Stripper for cable preparation of RG59, RG6 and N48 coax cable (std, tri and quad) without adjustment or blade cassette change out. For use with MINI (22-24) and N35 AWG drop cables.



PART NO.	DESCRIPTION	PRICE
E00-4980	A) LDT MINI-125 COAXIAL STRIPPER	12.21
E00-5984	B) RIPLEY LDT LIGHTWEIGHT SINGLE DROP TRIMMER MINI WHITE N35 MINI 22-24 AWG	15.86

STRIPPERS COAXIAL 8A & 9A



A) 8A Cable Stripper
Designed for 3 level stripping of BT2001, BT2002 and BT2003 cables.

B) 9A Cable Stripper Designed for 3 level stripping of BT300 coax cable with outer diameter of 2-9mm dia.
The 9A Cable Stripper can also strip RG179, RA7000, RA8000 and TZC cable when used with appropriate cam and guide sets. Contact sales for more information.

PART NO.	DESCRIPTION	PRICE
E00-6510	A) STRIPPER COAXIAL 8A	90.64
E00-6511	B) STRIPPER COAXIAL 9A	90.64

MILLS MASTERCLASS COAXIAL STRIPPERS

A range of MasterClass coax strippers all featuring three blades to remove cable jacket, braid and dielectric in one rotary stripping operation. The stripping dimensions between the blades are: 8mm braid & 4mm dielectric.

- A) E00-1180: Set-up to strip RG6 cable on one side of the reversible V-block and RG59 cable on the other side.
- B) E00-2019: Set-up to strip coaxial cables with an O/D of approx. 10.3 MM such as RG11, RG213 and Thick Ethernet cable.
- C) E00-1005: Set-up to strip RG59 cable on one side of the reversible V-block and RG58 and Thin Ethernet cable on the other side. It may also be used for RG6.



PART NO.	DESCRIPTION	PRICE
E00-1180	A) MASTERCLASS RG6/RG59 COAX STRIPPER	6.59
E00-2019	B) MASTERCLASS RG11/RG213 COAX STRIPPER	9.68
E00-1005	C) MASTERCLASS RG58/RG59/RG62 COAX STRIPPER	6.59

MILLS COAXIAL STRIPPER 3.5 - 5.0MM

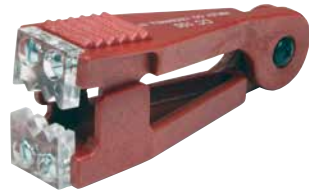
Rotary operation, 3-blade, coaxial cable stripper to remove cable jacket, braid and dielectric in one stripping operation. Suitable for RG coax cable sizes with an outside diameter of 3.5-5.0mm.



PART NO.	DESCRIPTION	PRICE
E00-3741	UNIVERSAL COAXIAL CABLE STRIPPER	9.68

COAX CONDUCTOR CLEANER

V shaped scraping blades for removal of residual dielectric from conductors of trunk cable.



PART NO.	DESCRIPTION	PRICE
C00-1572	COAX CONDUCTOR CLEANER	20.95

BT 2003 & 3002 COAXIAL CABLE STRIPPERS

BT Coaxial cable strippers for use with either 2003 or 3002 type cable.



PART NO.	DESCRIPTION	PRICE
E68-3008	A) BT 2003 COAXIAL CABLE STRIPPER	16.61
E68-1047	B) BT 3002 COAXIAL CABLE STRIPPER	16.61

MILLS RG174 COAXIAL STRIPPER

Rotary operation, 2-blade stripper removes jacket & dielectric in one operation.



PART NO.	DESCRIPTION	PRICE
E00-3740	MILLS RG174 COAXIAL STRIPPER	6.59

TWISTED PAIR STRIPPERS (CAT5E/CAT6/CAT6A)

A) MILLS CYCLOPS UTP/STP STRIPPER. Cyclops data cable stripper for twisted pair (UTP & STP) & multicore (screened & unscreened voice, data, audio, security) & fibre optic cables up to 11mm O.D.

B) FUSION UTP/STP STRIPPER. This stripper has a unique fine adjustment cutting depth mechanism making it ideal for stripping larger diameter UTP/STP such as Cat.6 as well as Cat.5e cable.

C) IDEAL UTP/STP STRIPPER. Stripper suitable for a range of cable types with an outside diameter of 5-8mm. Adjustable blades can be set for any depth to help ensure nick-free strips. Includes one round and three straight blades.

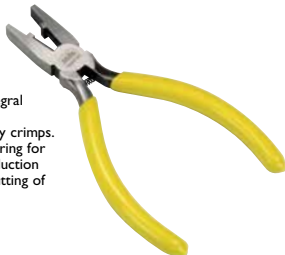
D) WEICON CAT CABLE STRIPPER NO. 10. Suitable for Cat5, Cat6, Cat7, twisted-pair cables (4.5-10mm Ø). Integrated length stop, adjustable to the required sheath opening of network outlets and other plugs (3-10cm).



PART NO.	DESCRIPTION	PRICE
E68-3002	A) MILLS CYCLOPS DATA CABLE STRIPPER	8.59
T70-9957	B) FUSION TWISTED PAIR STRIPPER	6.08
E00-3035	C) IDEAL UTP/STP STRIPPER	19.08
E00-7560	D) WEICON CAT CABLE STRIPPER NO. 10	15.97

MILLS PLIER CRIMPERS 8B (SCOTCHLOK™ CRIMPER)

Specialist crimp tool with integral cutter for crimping Scotchlok connectors also known as jelly crimps. The pliers feature a return spring for repetitive applications and induction hardened cutting edges for cutting of conductors Ø 0.4 to 1.1 mm. Length: 155mm.



PART NO.	DESCRIPTION	PRICE
E65-5463	PLIERS CRIMPERS 8B (SCOTCHLOK™ CRIMPERS)	7.16

HEAVY DUTY F CRIMPERS



A) Mills MasterClass Heavy Duty F Crimper for RG7/11, CT125 & CT167 (0.476, 0.322, 0.10).

B) Ripley Heavy Duty F Crimper for RG6/59. Hex sizes: .360"/.324" 9.14mm/8.23mm.

PART NO.	DESCRIPTION	PRICE
E00-1387	A) MILLS CRIMPER FOR RG7/11, CT125 AND CT167	18.43
E00-4639	B) RIPLEY HEAVY DUTY F CRIMPER FOR RG6/59	37.18

SERIES 43 DUAL ACTION CRIMPER

Specialist crimper for securing the centre contact and crimp sleeves on Type Series 43 Connectors. The 4 way die block crimps sizes are as follows: 0.95/0.037" A/F Square (type 43 centre contacts); 3.25mm/0.128" A/F Square; 4.52/0.178" A/F Square; 5.18mm/0.204" A/F Square.



PART NO.	DESCRIPTION	PRICE
E00-3739	SERIES 43 DUAL ACTION CRIMP TOOL	221.11

MILLS SERIES 43 HDC 3 IN 1 TOOL

A T bar tool providing easy removal of U links, insertion of GTIS into a populated DDF and releasing frame mounted plugs.



PART NO.	DESCRIPTION	PRICE
C00-6640	SERIES 43 HDC 3 IN 1 TOOL	63.76

SERIES 43 CRIMP TOOLS



A) An open frame crimp tool with interchangeable hexagonal die sets that captivate the 2000 series cable braid on the rear body of Type 43 connectors by compression of the outer ferrule.

B) An 8 indent crimp tool for terminating the centre contacts of crimped Type 43 connectors on 2001, 2002 & 3002 cable types.



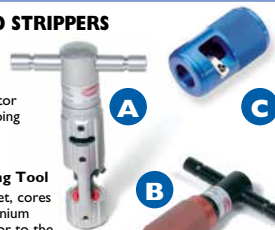
PART NO.	DESCRIPTION	PRICE
E00-3504	A) SERIES 43 OUTER CRIMPER	183.08
E00-3505	B) SERIES 43 INNER CRIMPER	576.76
E00-1026	C) DIE SET FOR 2002	73.01
E00-1027	D) DIE SET FOR 2003	78.83
E00-1031	E) DIE SET FOR 3002	79.40

CORING TOOLS AND STRIPPERS

A) Coring & Stripping Tools For Fibre Cables

Manual or drill operation with built-in 3/16" (9.5mm) drill adaptor which allows coring and stripping in one easy operation.

Length: 125mm. Weight 738g.



B) Jacket, Coring, Stripping Tool

Simultaneously strips the jacket, cores the dielectric, strips the aluminium sheath and trims the conductor to the proper length in one precise operation on Comm/Scope Quantum Reach® cable.

C) Jacket Stripper:

Used for fast and efficient removal of jackets from trunk and distribution coaxial cables.

- Preset JST blades minimize scoring or nicking of the aluminum sheath
- Knurled body for sure grip



PART NO.	DESCRIPTION	PRICE
C00-4199	A) STRIPPING & CORING TOOL .565	65.42
C00-4201	A) STRIPPING & CORING TOOL .840	67.39
C00-4185	A) STRIPPING & CORING TOOL .625	85.51
C00-4187	A) STRIPPING & CORING TOOL .750	85.46
C00-4189	A) STRIPPING & CORING TOOL .875	89.40
C00-4162	B) .500 JACKET, CORING STRIPPER	109.51
C00-4164	B) .540 JACKET, CORING STRIPPER	133.87
C00-4165	B) .715 JACKET, CORING STRIPPER	128.20
C00-4166	B) .860 JACKET, CORING STRIPPER	127.66
C00-4163	C) .500 JACKET STRIPPER	36.63
C00-4200	C) .565 JACKET STRIPPER	43.52
C00-4186	C) .625 JACKET STRIPPER	34.35
C00-4188	C) .750 JACKET STRIPPER	31.51
C00-4202	C) .840 JACKET STRIPPER	44.49
C00-4190	C) .875 JACKET STRIPPER	44.19
C00-7234	SPARE BLADE FOR QRT CORING TOOLS	8.13

COMPRESSION TOOL FOR CORNING CONNECTORS

Designed specifically for the CX3 range of Corning connectors (CX3 3.9 = RG59, CX3 4.9 = RG6, CX3 6.0 = RG7, CX3 7.5 = RG11).



PART NO.	DESCRIPTION	PRICE
C00-5932	A) COMPRESSION TOOL FOR CORNING CONNECTORS	26.90
C00-5933	B) REPLACEMENT PLUNGER FOR ABOVE	3.09

CAT AIO ALL-IN-ONE COMPRESSION TOOL

Suitable for almost every popular compression connector, such as Corning Gilbert, PPC, Thomas and Betts, Corning Cablecon, PCT, Arris/Televire and Tratec.

The standard kit is supplied in a blow-moulded case with two plunger tips for Thomas and Betts and PPC RG6, 59, 7 and 11 connectors. Also included is an SDT RG6/59 stripper.

Further plunger tips are available on request.



PART NO.	DESCRIPTION	PRICE
C00-8239	CAT AIO ALL-IN-ONE COMPRESSION TOOL	129.68

MILLS F-TYPE TORQUE WRENCHES

- Fitted with comfort grip handles
- Factory calibrated to tighten F connectors to max. 30lb.in
- Angled head design
- Long shaft for better access in confined space

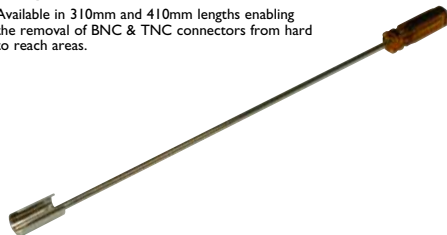
A) 9/16 for use with RG7/11 F Connectors.

B) 7/16 for use with RG6/59 F Connectors.

PART NO.	DESCRIPTION	PRICE
H00-5856	A) 9/16 RG7/11 TORQUE WRENCH	20.49
H00-5857	B) 7/16 RG6/59 TORQUE WRENCH	17.51

BNC/TNC CONNECTOR REMOVAL TOOL

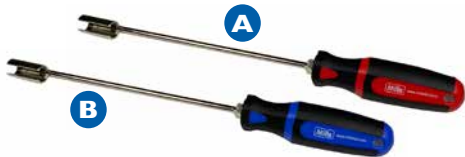
Available in 310mm and 410mm lengths enabling the removal of BNC & TNC connectors from hard to reach areas.



PART NO.	DESCRIPTION	PRICE
C00-5041	BNC/TNC TOOL (410MM)	6.70

F CONNECTOR TOOL

The F-connector tool combines two tools into one, a 7/16 or 9/16 in. hex socket and 3/8-32 threaded end. The hex socket makes installation and removal of CATV F-connectors easy, incorporating a 7/16AF nut for torquing applications up to 30lb/in. Overall length 310mm.



PART NO.	DESCRIPTION	PRICE
C00-9302	A) 7/16 F CONNECTOR TOOL RG59/6	11.24
C00-9304	B) 9/16 F CONNECTOR TOOL RG7/11	11.24

F CONNECTOR TOOL SHORT SHAFT

As per F-connector tool (left) but with short shaft. Shaft length: 7.5cm.

Overall length: 18.5cm.



PART NO.	DESCRIPTION	PRICE
C00-9269	A) F CONNECTOR TOOL SHORT 7/16 RG6/59	7.70
C00-9301	B) F CONNECTOR TOOL SHORT 9/16 RG7/11	7.70

MILLS F-CONNECTOR INSERTION & FLARING TOOL

For insertion of 59, 6, 7, & 11 Series "F" connectors. Designed for effortlessly spreading COAX cable jackets, which allows easy insertion of F connectors. This flaring tool is ideal for use on polyethylene jacketed plenum, tri-shield, and quad-shield RG6 cables. The acetate handled flaring end of the tool is used for RG6 and Quad RG6 cables and insertion, whilst the threaded end of the tool is used for RG6, RG59, and RG11 F connectors.

Handle length 108mm.



PART NO.	DESCRIPTION	PRICE
C00-5985	MILLS F-CONNECTOR INSERTION & FLARING TOOL	10.20

F CONNECTOR TERMINATION AID

This termination aid for RG6/59 cable helps reduce termination time and improve connection quality.

The tool is used to flare the braid before fitting the connector to avoid short-circuiting and the F socket aids pushing the plug firmly on the cable before crimping.



PART NO.	DESCRIPTION	PRICE
E72-8259	F CONNECTOR TERMINATION AID	3.91

MILLS MASTERCLASS RJ45 RATCHET CRIMP TOOL

Ratchet action RJ45 Crimp Tool with "Energy Grip" handles for AMP™ type plugs for better control and comfort. Full cycle ratchet action ensures continuity of crimp.



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Bi-material
"Comfort Grip"
for extra
control

PART NO.	DESCRIPTION	PRICE
E70-5013	RJ45 RATCHET CRIMPER	20.49

MILLS MASTERCLASS RJ11 & RJ45 CRIMP TOOL

Multifunction RJ11 and RJ45 crimper with ratchet action for consistent and secure crimps.



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PART NO.	DESCRIPTION	PRICE
E00-2026	RJ11, RJ45 RATCHET CRIMPER	21.63

LMR400® & LMR600® COAX CRIMP TOOLS

Ratchet crimper for termination of N connectors to LMR400® or LMR600® coax.

A) (Blue handle) For LMR400® fitted with die set hex. 0.428" (10.9mm) & 0.118" (3mm).

B) (Red handle) for LMR600® fitted with die set hex. 0.61" (15.50mm) & 0.186" (4.72mm).



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PART NO.	DESCRIPTION	PRICE
E70-5818	A) LMR400® COAX CRIMP TOOL	28.09
E70-5819	B) LMR600® COAX CRIMP TOOL	28.09

MILLS MASTERCLASS HEAVY DUTY RATCHET ACTION CRIMPER

Heavy duty parallel action ratchet RJ11 & RJ45 combined crimp tool. The parallel action combined with high precision integrated die sets ensures a perfect crimp every time. Also cuts & strips flat cable.



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PART NO.	DESCRIPTION	PRICE
E00-2017	HEAVY DUTY RJ11, 45 CRIMPER	31.52

MILLS MASTERCLASS RATCHET ACTION BNC CRIMP TOOL

For termination of RG58, 59 & 62 Ethernet cable. High quality crimper with "Energy Grip" handles for better control and comfort - full cycle ratchet action ensures continuity of crimp.



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PART NO.	DESCRIPTION	PRICE
E72-5014	BNC RATCHET CRIMP TOOL	14.21

MILLS MASTERCLASS RATCHET BNC & F CONNECTOR CRIMP TOOL

Crimps BNC & F connectors to RG58, RG59 & RG6 cables. The crimp tool has a ratchet controlled cycle mechanism and the tool frame is manufactured from hardened steel and fitted with a precision die set.

Hexagonal crimp cavity sizes:
0.2555" (6.48mm), 0.213" (5.41mm),
0.100" (2.54mm), 0.068" (1.72mm),
0.324" (8.23mm).



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PART NO.	DESCRIPTION	PRICE
E70-5012	BNC & F CONNECTOR CRIMP TOOL	24.45

MILLS COMPACT FEED THROUGH RJ45 CRIMP TOOL

'Clasp Style' light and durable 'Feed Through' RJ45 crimp tool with integral cutter and stripper providing consistent terminations.

The 'compact' is a pocket sized tool weighing less than 250g and allows the quick and easy termination of Cat5e (T70-5390/5391) and Cat6 (T70-7698/7689) RJ45 through connectors to the appropriate structured cable, trimming off excess cable in one simple action.

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PART NO.	DESCRIPTION	PRICE
C00-1740	MILLS COMPACT FEED THROUGH RJ45 CRIMP TOOL	30.85

MILLS FEED THROUGH RJ45 CRIMP TOOL

Traditional all-steel construction ratchet action Feed Through RJ45 crimp tool has a built-in cutter and stripper providing consistent terminations.

Crimping and trimming of excess conductors is simple with a single squeeze of the tool.

The tool includes a built in jacket stripper for round cable as well as flat cable and even has a flat cable cutter.



PART NO.	DESCRIPTION	PRICE
E70-7697	MILLS FEED THROUGH RJ45 CRIMP TOOL	27.26

MILLS MASTERCLASS SHIELDED RJ45 CRIMP TOOLS

Ratchet action Shielded RJ45 Crimp Tool with "Energy Grip" handles available for Hirose, Telegartner and Stewart type plugs for better control and comfort. Full cycle ratchet action ensures continuity of crimp.

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PART NO.	DESCRIPTION	PRICE
E70-5009	RJ45 SHIELDED HIROSE CRIMPER	33.48
E70-5010	RJ45 SHIELDED TELEGARTNER CRIMPER	33.48
E70-5011	RJ45 SHIELDED STEWART CRIMPER	29.46

MILLS MASTERCLASS BT MODULAR PLUG CRIMP TOOL

Crimp Tool for BT631A & BT431A Telephone Plugs and RJ11/RJ12 Modular Plugs.

The tool frame made from hardened steel and fitted with precision dies for BT Telephone plugs and RJ11/RJ12 modular plugs.

The tool has a spring-loaded crimp mechanism and is fitted with blades for cable cutting and stripping flat multi-conductor cables.

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"Comfort Grip"
for extra control



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PART NO.	DESCRIPTION	PRICE
E72-1018	BT MODULAR PLUG CRIMP TOOL	18.54

MILLS 'MASTER CLASS' UTP/STP TERMINATION KIT

Low cost termination kit supplied in blow moulded case and comprising:

E00-2026 Ratchet Crimper RJ11/45

E68-3002 Cyclops Stripper

T70-2192 RJ45 Modular Plug pkt 10

T70-2193 RJ45 Plug Boots pkt 10



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PART NO.	DESCRIPTION	PRICE
C00-3013	TERMINATION KIT	45.37

JUMPER STICK

A wiring aid for use in telephone exchanges when feeding cables.

Diameter 12mm. Length 920mm.



PART NO.	DESCRIPTION	PRICE
S83-0998	JUMPER STICK	7.54

CAT-STRIP OVERHEAD CABLE STRIPPER

The CAT-STRIP is the ideal tool for the fast and safe access of steel catenary wires. This stripping tool is designed to easily and safely access the steel catenary wires of aerial cables.

Its semi-encapsulated blade ensures a safe single-handed operation in any working environment. For use with all types of overhead cables.

Its precisely calibrated blades ensure no damage to the paired conductors.

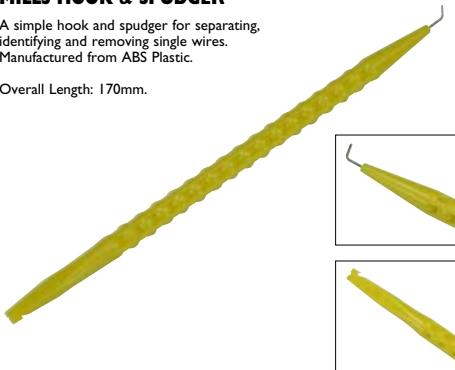


PART NO.	DESCRIPTION	PRICE
E68-7561	CAT-STRIP OVERHEAD CABLE STRIPPER	27.40

MILLS HOOK & SPUDGER

A simple hook and spudger for separating, identifying and removing single wires. Manufactured from ABS Plastic.

Overall Length: 170mm.



PART NO.	DESCRIPTION	PRICE
M99-6624	MILLS SPUDGER	2.80

LACER 3 INSULATED WIRE LOOP PULLER

Insulated wire loop puller facilitates pulling wire through terminal blocks, rings on main frame, or fanning strip holes. The yellow plastic lightweight handle fits snugly and is easy to hold in your hand. Overall length 200mm.



PART NO.	DESCRIPTION	PRICE
C00-4828	LACER 3 INSULATED WIRE LOOP PULLER	12.44

MILLS MASTERCLASS UTP, STP STRIPPER/INSERTION TOOL

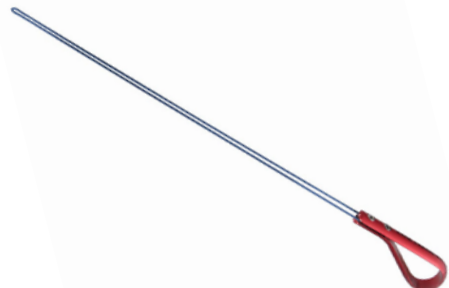
Low cost stripper for 5 - 6mm diameter UTP & STP cables with integral insertion tool for 110, 88 type connectors.



PART NO.	DESCRIPTION	PRICE
C00-3011	MILLS UTP, STP STRIPPER/INSERTION TOOL	3.08

LACER 5 INSULATED WIRE LOOP PULLER 380MM

Durable red anodized aluminium handle facilitates pulling wire through terminal blocks, rings on main frame or fanning strip holes. Length 380mm.



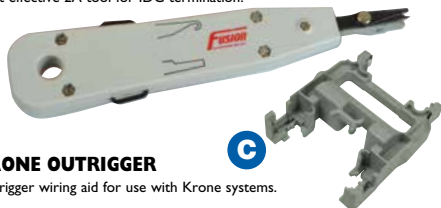
PART NO.	DESCRIPTION	PRICE
C00-0139	LACER 5 INSULATED WIRE LOOP PULLER 380MM	24.68

KRONE LSA-PLUS WIRE INSERTION TOOL

Tools for LSA-PLUS® IDC termination. Inserts and crops wires simultaneously. Complete with extraction tool and stop clip. It also has a sensor to ensure the conductor is fully inserted into the contact before allowing excess wire to be cut off.

**FUSION KRONE STYLE WIRE INSERTER (B)**

Cost effective 2A tool for IDC termination.

**KRONE OUTRIGGER (C)**

Outrigger wiring aid for use with Krone systems.

PART NO.	DESCRIPTION	PRICE
C00-8998	A) GENUINE KRONE LSA-PLUS SENSOR WIRE INSERTER	23.61
T70-2877	B) FUSION KRONE STYLE WIRE INSERTER	6.73
C00-3522	C) KRONE™ OUTRIGGER 25A	25.36

WIRING MINI TOOL FOR R&M VS COMPACT MODULES

For wiring all VS Compact modules. The wires are contacted and cut to length in one single and efficient step.

Dimensions: 88.6mm x 13.0mm x 28.1mm

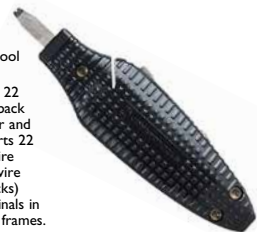


PART NO.	DESCRIPTION	PRICE
C00-4464	WIRING MINI TOOL FOR R&M VS COMPACT MODULES	10.25

COSMIC QUICK CLIP INSERTION TOOL

This multipurpose wire insertion tool performs several vital functions

The wire cutter is designed to cut 22 & 24 gauge wire, the hook at the back of the tool is used for both jumper and back-tap removal, and the bit inserts 22 or 24 gauge (0.5mm or 0.6mm) wire into the terminal block. Ideal for wire insertion in 3-beam (112 type blocks) and 4 beam (78 type blocks) terminals in Cosmic and Cosmic II distributing frames.



PART NO.	DESCRIPTION	PRICE
C00-4351	COSMIC QUICK CLIP INSERTION TOOL	95.43

MILLS MASTERCLASS 110 VERSATILE WIRE INSERTER

Supplied as standard with 110 blade. Optional blade for Krone systems is available separately.

A high quality MasterClass punch down tool with high and low impact adjuster and lockable storage in handle for replacement blade. Bayonet style mount allows the blades to be easily and quickly replaced.

**MILLS COMBINED WIRE INSERTER FOR KRONE & 110 I.D.C'S**

Supplied with two interchangeable heads for use with 110 and Krone IDC's. The unit has adjustable impact selection and hook and spudger claws are integrally fitted to the tool body.



PART NO.	DESCRIPTION	PRICE
C70-6865	A) 110 PUNCH DOWN TOOL	20.60
C70-6894	B) SPARE 110 BLADE FOR ABOVE	7.52
C70-6896	C) KRONE BLADE FOR ABOVE	7.52

PART NO.	DESCRIPTION	PRICE
C00-7702	MILLS COMBINED WIRE INSERTER	14.21

GENUINE POUYET™ WIRE INSERTERS

Standard Pouyet Wire Inserter.

A)



Krone Pouyet Siemens Inserter.

C)

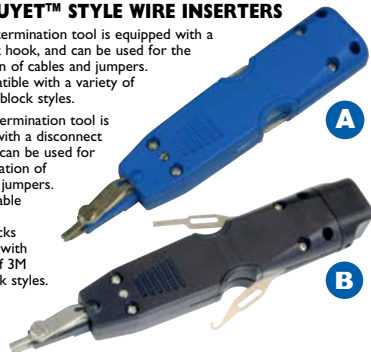


B) Combination Pouyet & Krone Wire Inserter. Also suitable for ECI IDCs.

MILLS POUYET™ STYLE WIRE INSERTERS

A) This IDC termination tool is equipped with a disconnect hook, and can be used for the termination of cables and jumpers. It is compatible with a variety of 3M Series block styles.

B) This IDC termination tool is equipped with a disconnect hook, and can be used for the termination of cables and jumpers. It is adjustable for use on Krone blocks or for use with a variety of 3M series block styles.



PART NO.	DESCRIPTION	PRICE
C00-1086	A) POUYET™ INSERTION TOOL	51.36
C00-1084	B) KRONE/POUYET™ INSERTION TOOL	89.74
C00-4049	C) KRONE/POUYET™ SIEMENS TOOL	134.91

PART NO.	DESCRIPTION	PRICE
C00-6890	A) MILLS POUYET™ STYLE WIRE INSERTER	20.55
C00-6822	B) MILLS COMBINED KRONE/POUYET™ STYLE WIRE INSERTER	25.70

INSERTER WIRE 9A (BIX STYLE)

A single forward movement will seat the wire into the BIX IDC clip and cut off the excess wire. The tool will terminate 22, 24 & 26-AWG plastic insulated solid copper conductors.



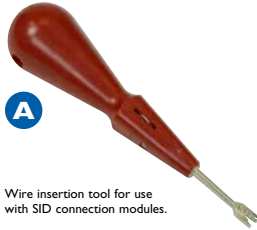
PART NO.	DESCRIPTION	PRICE
C00-9011	INSERTER WIRE 9A (BIX STYLE)	22.42

INSERTER WIRE 8A

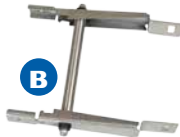
Insertion tool used on Jacks Test Series 44-49.



PART NO.	DESCRIPTION	PRICE
C00-7540	INSERTER WIRE 8A	28.84

SID™ STYLE WIRE INSERTER & SID OUTRIGGER

Wire insertion tool for use with SID connection modules.



Outrigger wiring aid for use with SID systems.

PART NO.	DESCRIPTION	PRICE
S00-5979	A) SID™ STYLE WIRE INSERTER	31.53
S83-2674	B) SID™ OUTRIGGER	34.97

QDF STYLE TOOL

IDC Tool provides fast and reliable installation of wires on QDF Blocks.

The QDF impact installation tool is spring loaded and automatically generates the force required for correct wire installation.

It features a built-in wire removal hook for removing terminated wires.

A magazine removal tool for releasing QDF-E magazine from its mounting bracket is also incorporated.



PART NO.	DESCRIPTION	PRICE
E00-6721	QDF STYLE TOOL	41.15

INSERTER WIRE 10A (3M STYLE)

Single point insertion tool with automatic wire cropping facility, suitable for connecting wires to 3M's MS2 Modular Cross Connexion System.



PART NO.	DESCRIPTION	PRICE
S83-0874	INSERTER WIRE 10A (3M STYLE)	14.62

INSERTER WIRE 11A (3M STYLE)

Single point insertion tool suitable for connecting wires to 3M's MS2 Modular Cross Connexion System connectors, when wire cut-off is not required.



PART NO.	DESCRIPTION	PRICE
S83-0839	INSERTER WIRE 11A (3M STYLE)	74.16

WIRE INSERTER FOR HUAWEI STRIPS

This tool inserts and crops wires simultaneously on Huawei IDC and has integral hook and spudger. It also has a simple wrist lanyard for security during use.



PART NO.	DESCRIPTION	PRICE
C00-4982	WIRE INSERTER FOR HUAWEI STRIPS	20.34

A) EXTRACTOR 57

Used to remove Protector Module 1a and 2a from Jack Test 44-49.

B) EXTRACTOR 58

Used on Porta Jacks Test Series 44-49.



PART NO.	DESCRIPTION	PRICE
S83-4246	A) EXTRACTOR 57	10.25
C00-7429	B) EXTRACTOR 58	25.36

ERGO UNIVERSAL STRIPPER

3 in 1 pistol design, providing easy stripping and longitudinal cutting of wire sheaths. The built-in stripping device enables easy cross section stripping on 0.2, 0.3, 0.8, 1.5, 2.5 and 4mm wires and cables. Fitted with a conical pit enabling easier access in confined areas.



PART NO.	DESCRIPTION	PRICE
T18-0009	ERGO UNIVERSAL STRIPPER	37.23

SELF ADJUSTING CUTTER STRIPPERS

These innovative designs use precision carbon steel laminated stripping blades that automatically form around the insulation to provide quick and accurate safe stripping. The sliding wire-stops are easily adjusted to preset exact strip lengths and the integral wire/cable cutters are shielded for safety.

A) Minim 2.5 Self Adjusting Cutter Stripper.

For PVC insulated wires and cables 0.08mm² (30AWG) to 2.5mm² (13AWG).

B) Maxim 6 Self Adjusting Cutter Stripper.

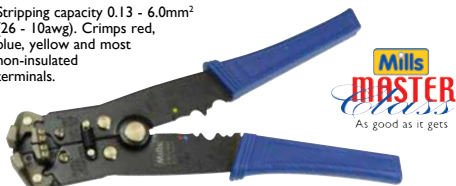
For PVC insulated wires and cables 0.2mm² (24AWG) to 6.0mm² (10AWG).



PART NO.	DESCRIPTION	PRICE
E70-6114	A) MINIM 2.5 SELF ADJUSTING CUTTER STRIPPER	24.67
E70-6115	B) MAXIM 6 SELF ADJUSTING CUTTER STRIPPER	33.48

MILLS MASTERCLASS MULTIPURPOSE TOOL FOR CUTTING, CRIMPING AND STRIPPING

Stripping capacity 0.13 - 6.0mm² (26 - 10awg). Crimps red, blue, yellow and most non-insulated terminals.



PART NO.	DESCRIPTION	PRICE
E21-1421	STRIPPER/CRIMPER 0.13-6.0MM ²	11.85

PLIERS END WIRE STRIPPING 165MM LONG 1000V INSULATED

- End Wire Stripper - 165mm long.
- High Voltage Fully Insulated.
- With fine adjustment screw.
- Made of tempered steel.
- Polished chrome head.
- For solid and stranded conductors of up to Ø 5mm.
- Tested to EN/IEC 60900:2012.



PART NO.	DESCRIPTION	PRICE
H87-6480	PLIERS END WIRE STRIPPING 165MM LONG 1000V INSULATED	27.18

METERMADE SMART METER CABLE STRIPPING TOOLS

Much faster than conventional tools, this high quality precise stripper strips first time, every time. Easy to use in poorly lit and confined spaces, it enables experienced or inexperienced workers to quickly and safely replicate the ideal strip. Simply slide a switch to change strip dimensions. Hidden blades eliminate the risk of accidental injury and provide a sensible alternative to knives.

A) For cable size 16mm².

B) For cable size 25mm².



PART NO.	DESCRIPTION	PRICE
E00-7412	A) METERMADE 16 SMART METER CABLE STRIPPING TOOL	27.30
E00-7411	B) METERMADE 25 SMART METER CABLE STRIPPING TOOL	27.30

VERSATILE WIRE STRIPPER

Wire stripper with seven individual stripping stations: 0.5, 0.75, 1.0, 1.5, 2.5, 4.0 and 6.0mm². Comfort grip handles with return spring - overall length 160mm



PART NO.	DESCRIPTION	PRICE
E02-1010	VERSATILE WIRE STRIPPER	8.17

MILLS AUTOMATIC WIRE STRIPPER

Ideal for the fast and clean removal of insulation.

Automatic clamping action & length gauge. Facility ensures stripped ends are uniformly stripped. Blades are accurately notched and honed to strip four insulation diameters.



PART NO.	DESCRIPTION	PRICE
E72-3007	MILLS AUTOMATIC WIRE STRIPPER 1.0-3.2MM	16.25

A) MILLS STRIPPERS WIRE NO.2

Specialist adjustable precision wire stripping plier for stripping single, multiple and fine stranded conductors. Suitable for stripping wire diameters 0-5mm (0 - 10mm²) using the adjustable screw and lock nut feature. Manufactured from Chrome Vanadium Steel with induction hardened cutting edges and featuring yellow PVC dipped handles.

**B) MILLS 6" (150MM) END WIRE STRIPPER NO.2**

With bi-material "Energy Grip" handles for more control and comfort and hardened cutting edges. Stripping capacity from 0.6 - 10mm².



PART NO.	DESCRIPTION	PRICE
E12-6160	A) MILLS STRIPPERS WIRE NO.2	11.62
E70-4265	B) END WIRE STRIPPER 0.6-10MM ²	10.16

**MILLS MASTERCLASS
RATCHET CRIMP TOOL**

Mills precision ratchet crimper for red, blue and yellow pre insulated crimps. Benefitting from a full cycle ratchet action for a more secure crimp. Comfort grip bi material handles for repetitive operation. Overall length 225mm.



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PART NO.	DESCRIPTION	PRICE
E66-1325/BOM	MILLS MASTERCLASS RATCHET CRIMP TOOL	19.26

PRO RATCHET CRIMPING TOOL

Pro ratchet crimp tool, designed for use with butt splice connectors, copper tube and open end terminals. Supports wire size range of 0.3 to 16 mm² and has a ratchet incorporated into the design of the tool that will not release until the dies are fully closed ensuring full crimping is achieved.



PART NO.	DESCRIPTION	PRICE
T18-0011	A) PRO RATCHET CRIMPING TOOL	41.83
E14-2079	B) UNINSULATED TUBULAR RING TERMINAL, M6 STUD SIZE TO 6MM ² WIRE SIZE PK25	4.73
E14-2080	C) UNINSULATED TUBULAR RING TERMINAL, M6 STUD SIZE TO 10MM ² WIRE SIZE PK25	6.68

UNINSULATED CRIMP TOOL 6-25MM

Hand ratchet tool to indent crimp non-insulated terminals 6, 10, 16 and 25mm². Length: 350mm Weight: 0.7kg.



PART NO.	DESCRIPTION	PRICE
E00-4461	UNINSULATED CRIMP TOOL 6-25MM	30.90

**HYDRAULIC
CRIMP TOOL
KIT 4-70MM²**

Heavy duty 8 ton hydraulic crimper supplied in blow moulded case with 8 dies to cover 4, 6, 10, 16, 25, 35, 50, and 70mm² non-insulated terminal lugs.



PART NO.	DESCRIPTION	PRICE
E14-6923	HYDRAULIC CRIMP TOOL KIT 4-70MM ²	130.76

**ECONOMY 271 PIECE
CRIMPING TOOL SET**

A crimp tool set comprising:

- Hardened, pressed steel crimp tool
- 100 x Red assorted connectors
- 100 x Blue assorted connectors
- 25 x Red cable ties
- 25 x Blue cable ties
- 20 x Green twist ties



Wire stripping range: 0.75, 1.0, 1.5, 2.5, 4.0 and 6.0mm². Insulated and non-insulated terminal crimping range 1.5, 2.5 and 6mm². Bolt size guide M2.6, 3.0, 3.5, 4 and 5.

PART NO.	DESCRIPTION	PRICE
E14-2005	271 PIECE CRIMP TOOL SET	11.05

630 PIECE TERMINAL KIT

A crimp kit ideal for service and maintenance applications. Features a total of 630 components - 590 insulated terminals in 20 popular styles and 40 cable ties.

Kit includes 20 of 100 x 2.5mm and 20 of 200 x 4.6mm cable ties.

Housed in a rugged steel box with drop down handle. Includes ratchet tool and cable tie cutter.



PART NO.	DESCRIPTION	PRICE
E14-3358	630 PIECE TERMINAL KIT	56.01

**CK T2250 ARMOURSLEEVE
SWA CABLE STRIPPER**

The T2250 scores armour strands to a uniform depth for a clean break off and trouble free gland connection. Automatic cable clamp applies constant pressure throughout the cut with no retightening necessary. Wide cable clamp ensures perfect blade to cable alignment for precise cuts. Rugged all-metal construction with integrated spare blade holder. Perfect results on cables from 12mm up to 36mmØ. 50% faster than conventional SWA stripping methods*



PART NO.	DESCRIPTION	PRICE
E00-6993	CK T2250 ARMOURSLEEVE SWA CABLE STRIPPER	47.66

**POWERPOLE
CONTACT CRIMPER**

An essential tool when installing and powering DSLAMS / G Fast Cabinets.

This full cycle ratchet crimp tool is used for crimping SB50 and 75a Powerpole contacts to 6mm to 16mm cable. Also suitable for Anderson 1331, 1332 and 261G2 15-30-45 Amp inserts.



PART NO.	DESCRIPTION	PRICE
E00-7247	POWERPOLE CONTACT CRIMPER	34.30

A) CABLE TIE TENSIONER 5A (PLASTIC) 2.4 - 4.6

Lightweight and durable cable tie gun, squeeze trigger to tension, twist to cut.

For nylon cable ties 2.5 - 4.8 mm. Ref: 126820.



B) CABLE TIE TENSIONER 7A (PLASTIC) 4.6 - 7.6

Lightweight and durable cable tie gun, squeeze trigger to tension, twist to cut.

For nylon cable ties from 4.8 - 7.6 mm.



C) CABLE TIE GUNS

Cable tie gun with automatic cut-off in one simple pull of a trigger. Designed for use nylon cable ties with widths from 2.2 to 4.8mm and a thickness up to 1.6mm.



PART NO.	DESCRIPTION	PRICE
S83-0945	A) TENSIONER 5A (PLASTIC) 2.4 - 4.6	12.03
S83-0853	B) TENSIONER 7A (PLASTIC) 4.6 - 7.6	29.69
S57-3005	C) PROFESSIONAL CABLE TIE GUN	14.42

MILLS HEAVY DUTY ANTIBACTERIAL HANDWIPES - TUB OF 75

Antibacterial hand wipes supplied in a tub of 75.

Wipe size: Size 200 x 260mm.

Tough, fast, safe and convenient wipes designed to remove a wide range of soils such as paint, adhesives, oil, grease, silicone, grime and dirt. They are ideal for cleaning hands, tools and hard surfaces.

Contains ingredients to moisturise hands and prevent drying out.

Not for use on face/near eyes. Dermatologically tested.



PART NO.	DESCRIPTION	PRICE
R99-6590	MILLS HEAVY DUTY ANTIBACTERIAL HANDWIPES	3.77

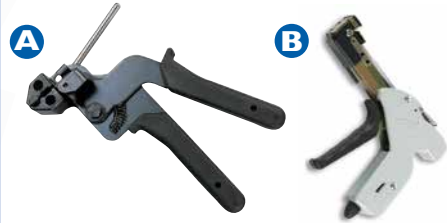
STAINLESS STEEL CABLE TIE GUNS

A) Tensioning tool H/Duty lever Arm Style

This tensioning tool is designed for installing heavy duty stainless steel cable ties from 4.5 - 12.3mm strap width. The tensioning strength can be adjusted while pulling the trigger.

B) Stainless Steel Cable Tie (Trigger Style)

For tightening and cutting stainless steel cable ties with widths between 4.5 and 7.9mm, and up to 0.3mm thick. The gun cuts stainless steel cable ties once tensioning is complete.



PART NO.	DESCRIPTION	PRICE
S00-5632	A) TENSIONING TOOL H/DUTY LEVER ARM STYLE	89.17
S57-4257	B) STAINLESS STEEL CABLE TIE (TRIGGER STYLE)	57.27

MARKER PENS

A) Pen Marker No.1

Permanent waterproof black marker pen for most surfaces with 0.6mm fine nib thickness providing smudge proof and waterproof qualities on almost all surfaces. Low odour ink and can be left uncapped for days without drying up. Ref: 129408.



B) Pen Marker No.2

Permanent waterproof gold marker pen for most surfaces with 1.2mm fine nib thickness providing smudge proof and waterproof qualities on almost all surfaces. Low odour ink and can be left uncapped for days without drying up. Ref: 129392.



C) Sharpie Twin-Tip Marker

Permanent marker suitable for use on most hard surfaces. Features a standard durable fibre tip on one end and a ultra-fine tip on the other. Ink colour: Black. Available in twin pack or packet of 12.



D) Sharpie Fine Point Retractable Permanent Marker

Easy one-handed operation with no cap to remove or lose. Ultra Fine point for precise marking and writing. Ink Colour: Black. Available in a Packet of 12.



PART NO.	DESCRIPTION	PRICE
S83-0948	A) PEN MARKER NO.1	1.16
S83-0960	B) PEN MARKER NO.2	3.64
C71-6895	C) TWIN TIP FINE & ULTRA FINE X2 BLACK	4.27
C71-9820	C) TWIN TIP FINE & ULTRA FINE X12 BLACK	20.37
C71-9826	D) RETRACTABLE FINE TIP X12 BLACK	18.00

GENERAL TOOLING





Cabinets & Accessories



Baying Kits

Blanking Panels

Brush Panels

Cable Management Bars

Cage Nuts

Fan Units

Free Standing Cabinets

Patching Frames

Plinths

Power Distribution Units

Server Cabinets

Shelves

SoHo Accessories

SoHo Cabinets

Trays

Wall Boxes

Fusion Contract Series Wallboxes (excludes corner wallboxes)

Altogether better because...

- Low cost, high value
- 1.2mm welded steel frame, 1mm steel panels
- Reversible reinforced lockable glass door
- Removable quick-release 'lift-out' lockable side panels
- Fully adjustable front and rear profiles
- Knock-outs top and bottom
- One 100 x 50mm and one 50 x 50mm trunking knock-out
- Two 25mm conduit knock-outs
- Wall mounting plate (excluding two section)
- 2 pairs of keys
- Please note that 18U wall boxes are shipped on pallets and therefore incur a minimum delivery charge of £49.95

Fusion
ALTOGETHER BETTER

FUSION CONTRACT SERIES SINGLE SECTION WALL BOXES

Dimensions: Width 600mm x Depth 450mm



Fusion
ALTOGETHER BETTER

PART NO.	DESCRIPTION	PRICE
T98-9006	6U SINGLE SECTION WALL BOX	60.10
T98-9005	9U SINGLE SECTION WALL BOX	58.29
T98-9004	12U SINGLE SECTION WALL BOX	74.84
T98-0649	15U SINGLE SECTION WALL BOX	100.36
T98-4568	18U SINGLE SECTION WALL BOX	115.18

FUSION CONTRACT SERIES TWO SECTION WALL BOXES

Dimensions: Width 600mm x Depth 550mm



Fusion
ALTOGETHER BETTER

PART NO.	DESCRIPTION	PRICE
T98-9007	6U 2 SECTION WALL BOX	103.55
T98-9008	9U 2 SECTION WALL BOX	120.54
T98-9009	12U 2 SECTION WALL BOX	135.89

FUSION CONTRACT SERIES EXTRA DEEP SINGLE SECTION WALL BOXES

Dimensions: Width 600mm x Depth 600mm



Fusion
ALTOGETHER BETTER

PART NO.	DESCRIPTION	PRICE
T98-4241	6U EXTRA DEEP WALL BOX	71.60
T98-4242	9U EXTRA DEEP WALL BOX	84.49
T98-4243	12U EXTRA DEEP WALL BOX	100.66
T98-4244	15U EXTRA DEEP WALL BOX	111.13
T98-4570	18U EXTRA DEEP WALL BOX	132.29

FUSION CONTRACT SERIES 19" HINGED PATCHING FRAMES

Dimensions: Width 510mm x Depth 150mm. 40kg load capacity.



Fusion
ALTOGETHER BETTER

PART NO.	DESCRIPTION	PRICE
T98-0645	2U 19" HINGED PATCHING FRAME	25.41
T98-0646	4U 19" HINGED PATCHING FRAME	26.61
T98-0647	6U 19" HINGED PATCHING FRAME	27.73

FUSION CONTRACT SERIES CANTILEVER SHELVES

A range of three 483mm wide cantilever shelves.

Max even load capacities:

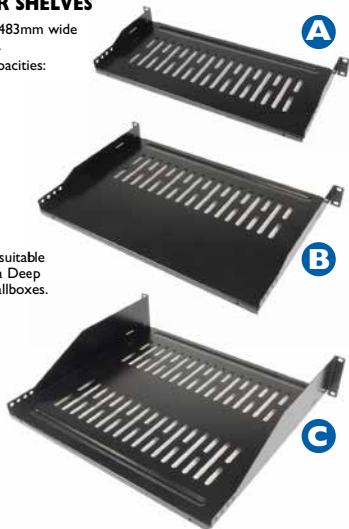
T98-9019: 15kg

T98-9020: 15kg

T98-9021: 20kg

Note:

T98-9021 is only suitable for use with Extra Deep Single Section Wallboxes.



PART NO.	DESCRIPTION	PRICE
T98-9019	A) 200MM 1U CANTILEVER SHELF CONTRACT	8.45
T98-9020	B) 300MM 1U CANTILEVER SHELF CONTRACT	10.56
T98-9021	C) 400MM 2U CANTILEVER SHELF CONTRACT	14.83

COMBINATION LOCK FOR FUSION WALL CABINETS



The Fusion 3 wheel combination cam lock is available as an accessory to fit most Fusion Wall and Soho cabinets, replacing the standard barrel lock and removing the need for keys.

- Fixing: Nut fix
- Finish: Black
- 1000 combinations
- Replaces most Fusion cabinet key Locks
- Cam can be rotated clockwise or anti clockwise
- Quick and easy to install
- 30mm Diameter
- Factory setting: 000



PART NO.	DESCRIPTION	PRICE
T98-9305	COMBINATION LOCK FUSION WALL CABINET	5.14

FUSION STANDARD CABLE MANAGEMENT BAR

Available in 1U and 2U sizes with four 70mm Management Rings – Black finish.

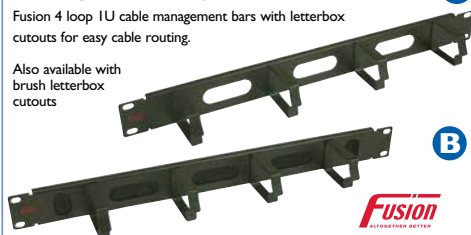


PART NO.	DESCRIPTION	PRICE
T70-2406	A) 1U MANAGEMENT BAR	4.99
T70-2407	B) 2U MANAGEMENT BAR	9.68

FUSION 1U 4 LOOP LETTERBOX CABLE MANAGEMENT BARS

Fusion 4 loop 1U cable management bars with letterbox cutouts for easy cable routing.

Also available with brush letterbox cutouts



PART NO.	DESCRIPTION	PRICE
T70-5399	A) LETTERBOX CABLE MANAGEMENT BAR	4.64
T70-5460	B) LETTERBOX CABLE MANAGEMENT BAR BRUSHED	8.96

FUSION 1U 4 LOOP RECESSED CABLE MANAGEMENT BAR

Fusion 1U recessed 19" mounted cable management bar for ensuring good cable management with network 19" data cabinets and racks.



PART NO.	DESCRIPTION	PRICE
T70-5397	CABLE MANAGEMENT BAR WITH BRUSH STRIP	7.67

FUSION BRUSH PANELS

Used to give a smarter appearance to a cabinet, and prevent dust ingress.

Available in 1U & 2U heights.



PART NO.	DESCRIPTION	PRICE
T70-2372	A) 1U BRUSH PANEL	11.97
T70-5398	B) 2U LETTERBOX BRUSH PANEL	10.25

FUSION BLANKING PANELS AND SPACE BARS

The 19" Blanking Panels provide a neat way of closing off any unused space in a rack and give a neat and tidy appearance to the finished installation.

Available in sizes 1U, 2U, 3U and 4U and 1(15mm) and 2(30mm) Space.
Colour – Black



PART NO.	DESCRIPTION	PRICE
T70-2408	1U BLANKING PANEL	3.99
T70-2409	2U BLANKING PANEL	5.58
T70-2410	3U BLANKING PANEL	5.49
T70-2411	4U BLANKING PANEL	7.85
T70-2564	1 SPACE BLANK 15MM	4.02
T70-2565	2 SPACE BLANK 30MM	4.02

FUSION CONTRACT SERIES SOHO AND MULTI-MEDIA ENCLOSURES

A range of two compact low-cost cabinets, ideal for the "Small Office Home Office" environment and smaller smart home applications.

The units can be wall fixed or left free standing.

Features:

- 1 x 100 x 50mm trunking knockout
- 2 x 25mm conduit knockouts
- Supplied with two pairs of keys

B) Dimensions:
Width 310mm
x Depth 300mm



A



A) Dimensions:
Width 310mm
x Depth 310mm

B

C) COMBINATION LOCK FOR WALL CABINETS

The Fusion 3 wheel combination cam lock is available as an optional accessory to fit most Fusion Wall and Soho cabinets, replacing the standard barrel lock and removing the need for keys.

The combination lock is 30mm in diameter and is quick and easy to install and features 3 wheels that can provide up to 1000 different combinations (The factory setting is 000)

- Fixing: Nut fix
- Replaces most Fusion cabinet key Locks
- Cam can be rotated clockwise or anti clockwise
- 30mm Diameter



C



D) FUSION U TAPE MEASURE 0-67U 3M

The Fusion 'U' Tape Measure enables the installer to quickly survey data, server and AV cabinet rack locations to easily identify the correct sized unit for the job.

The tape measure has an integral belt clip, a 13mm wide dual scaled blade, measuring 0-67U and 0-3 metres and can be locked at any length.

D



PART NO.	DESCRIPTION	PRICE
T98-0628	A) 4U FUSION SOHO CABINET	36.17
T98-0629	B) 8U FUSION SOHO CABINET	48.18
T98-9305	C) COMBINATION LOCK FOR WALL CABINETS	5.14
K70-7663	D) FUSION U TAPE MEASURE 0-67U 3M	2.17

CABINETS & ACCESSORIES

FUSION SOHO CANTILEVER SHELF

Dimensions: Width 270mm x Depth 150mm
Load Capacity: 15kg



PART NO.	DESCRIPTION	PRICE
T98-0630	SOHO CANTILEVER SHELF	8.81

FUSION 12 PORT CAT 6 SOHO PANEL

All the features of the standard 19" Fusion panel in a 10" (250mm) 12 port compact format.



PART NO.	DESCRIPTION	PRICE
T70-5922	12 PORT 250MM PATCH PANEL 1U	21.00

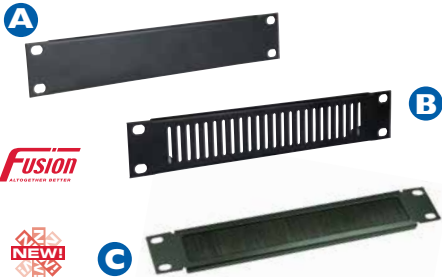


FUSION SOHO METAL CABLE MANAGEMENT BAR

PART NO.	DESCRIPTION	PRICE
T98-0631	SOHO CABLE MANAGEMENT BAR	5.25

FUSION SOHO HOOK & LOOP CABLE MANAGEMENT BAR

PART NO.	DESCRIPTION	PRICE
T70-9879	SOHO HOOK & LOOP CABLE MANAGEMENT BAR	7.16

FUSION IU SOHO BLANKING PLATE & IU SOHO VENTING PANEL

PART NO.	DESCRIPTION	PRICE
T98-0632	A) IU SOHO BLANKING PLATE	2.03
T98-0633	B) IU SOHO VENTING PANEL	2.21
T70-7675	C) FUSION IU SOHO BRUSH PANEL	10.25

FUSION SOHO PDU 3-WAY

PART NO.	DESCRIPTION	PRICE
T98-6019	3-WAY SOHO PDU	20.55

FUSION IU 8 PORT SOHO MULTIMEDIA PANEL

A compact panel able to accept a combination of multimedia modules
See page 136.



PART NO.	DESCRIPTION	PRICE
T70-9872	IU 8 PORT SOHO MULTIMEDIA PANEL	8.60

KEYSTONE JACKS

- A) Fusion CAT 6 UTP Modular RJ45 IDC Keystone Jack with 180° Krone style IDC.
- B) Fusion Cat 6 UTP Modular RJ45 to RJ45 Through Keystone Jack.
- C) Fusion Cat 6 UTP Modular Toolless IDC Keystone Jack with 180° Krone style IDC.

PART NO.	DESCRIPTION	PRICE
T77-4696	A) FUSION CAT 6 UTP MODULAR RJ45 IDC KEYSTONE JACK WITH 180° KRONE STYLE IDC.	1.80
T77-4583	B) FUSION CAT 6 UTP MODULAR RJ45 TO RJ45 THROUGH KEYSTONE JACK.	1.49
T70-0676	C) FUSION CAT 6 UTP MODULAR TOOLLESS IDC KEYSTONE JACK WITH 180° KRONE STYLE IDC.	2.01

Contract Series Free Standing Cabinets

Altogether better because...

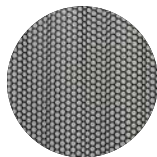
- Low cost, high value
- In stock now, for next day delivery

FUSION
ALTOGETHER BETTER

FUSION CONTRACT SERIES FREE STANDING CABINETS

- Lockable and reversible quick-release front and rear doors
- Tinted safety glass front door with swing-handle lock
- Lockable quick-release lift-out steel side panels
- Fully adjustable front and rear profiles with marked U-height
- Removable roof panel for flood wiring or cooling
- Adjustable size bottom cable access aperture
- Fitted with 4 transportation castors and supplied with adjustable feet
- Supplied with 2 pairs of keys
- Supplied tamper-proof cage nuts and key

Can be disassembled for transportation using a power tool with a T30 Tamperproof bit (See F00-1842 page 217).



Available with mesh
or glass front door



T98-0627
Baying Clip Pair

SEE
PAGE 14 FOR
DELIVERY
COSTS

NEW
RANGE
OF SIZES
ADDED



CABINETS &
ACCESSORIES

PART NO.	DESCRIPTION	PRICE
T98-4566	12U 600 (W) X 600 (D) MM GLASS	182.07
T98-4730	12U 600 (W) X 800 (D) MM GLASS	190.17
T98-9030	18U 600 (W) X 600 (D) MM GLASS	191.88
T98-4492	18U 600 (W) X 600 (D) MM MESH	226.67
T98-7693	18U 600 (W) X 800 (D) MM GLASS	245.07
T98-9218	18U 600 (W) X 800 (D) MM MESH	249.26
T98-7694	21U 600 (W) X 600 (D) MM GLASS	262.57
T98-9216	21U 600 (W) X 600 (D) MM MESH	266.26
T98-9031	27U 600 (W) X 600 (D) MM GLASS	249.58
T98-4493	27U 600 (W) X 600 (D) MM MESH	274.52
T98-4055	27U 800 (W) X 800 (D) MM GLASS	347.07
T98-4496	27U 800 (W) X 800 (D) MM MESH	377.59
T98-9032	27U 600 (W) X 800 (D) MM GLASS	279.46
T98-4494	27U 600 (W) X 800 (D) MM MESH	303.11
T98-9033	39U 600 (W) X 600 (D) MM GLASS	272.18
T98-4497	39U 600 (W) X 600 (D) MM MESH	323.71
T98-4058	42U 600 (W) X 600 (D) MM GLASS	296.24
T98-4981	42U 600 (W) X 600 (D) MM MESH	339.04
T98-9035	42U 600 (W) X 800 (D) MM GLASS	311.36
T98-4983	42U 600 (W) X 800 (D) MM MESH	365.98
T98-9036	42U 800 (W) X 800 (D) MM GLASS	423.13
T98-4984	42U 800 (W) X 800 (D) MM MESH	461.60
T98-0627	BAYING CLIP PAIR	4.58



Featuring:
Fully adjustable front and rear
profiles with U-height markings



Featuring:
Integrated vertical cable
management on 800 (W) models



FUSION CONTRACT SERIES HEAVY DUTY FIXED SHELVES

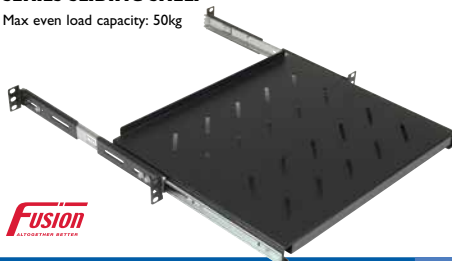
Max even load
capacity: 80kg



PART NO.	DESCRIPTION	PRICE
T98-3254	350MM SHELF FOR 600MM DEEP CAB	13.03
T98-3255	550MM SHELF FOR 800MM DEEP CAB	16.41

FUSION CONTRACT SERIES SLIDING SHELF

Max even load capacity: 50kg



PART NO.	DESCRIPTION	PRICE
T98-9013	350MM DEEP SLIDING SHELF FOR 600MM DEEP CAB	24.34
T98-0642	550MM DEEP SLIDING SHELF FOR 800MM DEEP CAB	26.29

FUSION CONTRACT SERIES 4 WAY ROOF FAN TRAY

This 4 way fan tray is designed to quickly fit into the cabinet roof panel and is supplied with 1.9m cable.

Single fan noise at 100CFM is 25dBA. Colour black.

Formerly T98-9028



PART NO.	DESCRIPTION	PRICE
T98-5294	4 WAY ROOF FAN	52.09

FUSION U TAPE MEASURE 0-67U 3M

The Fusion 'U' Tape Measure enables the installer to quickly survey data, server and AV cabinet rack locations to easily identify the correct sized unit for the job.

The tape measure has an intergral belt clip, a 13mm wide dual scaled blade, measuring 0-67U and 0-3 metres and can be locked at any length.



PART NO.	DESCRIPTION	PRICE
K70-7663	FUSION U TAPE MEASURE 0-67U 3M	2.17

FUSION CAGE NUTS & CAGE NUT TOOL

Fusion Cage Nut Sets M6 x 16mm.

Supplied in pkts of 50 and 100 zinc plated or in black.

Caged Nut Insertion and Removal Tool - Ideal for helping installers insert cage nuts into cabinets, and to aid removal. Saves time!



PART NO.	DESCRIPTION	PRICE
T70-2366	ZINC PKT 50 CAGED NUT SET	6.79
T70-2367	ZINC PKT 100 CAGED NUT SET	11.79
T70-2508	BLACK PKT 100 CAGED NUT SET	12.82
C00-0113	CAGED NUT INSERTION/REMOVAL TOOL	6.31

FUSION CABLE TRAY

Available in 150mm width.
(100mm, 200mm & 300mm
available on request).



PART NO.	DESCRIPTION	PRICE
T98-4571	18U 150MM CABLE TRAY	12.71
T98-0058	21U 150MM CABLE TRAY	13.91
T98-4572	27U 150MM CABLE TRAY	17.50
T98-4573	39U 150MM CABLE TRAY	18.46
T98-4574	42U 150MM CABLE TRAY	23.98
T98-4575	45U 150MM CABLE TRAY	25.39

Fusion Contract Series Server Cabinets

Altogether better because...

- Low cost, high value
- In store now for next day delivery

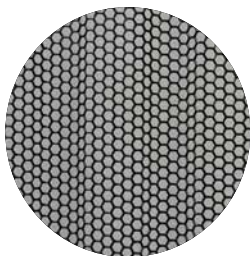


FUSION CONTRACT SERIES SERVER CABINETS

Offering outstanding value for money the Fusion Contract Series range of server cabinets is available in 27U and 42U with a variety of 600mm and 800mm footprints and features:

- Lockable and reversible quick-release front and rear doors
- Tinted safety glass front door with ventilated door frame and swing-handle lock
- Perforated steel rear door
- Two lockable quick-release lift-out steel panels on each side
- Fully adjustable front and rear profiles with marked U-height
- Removable roof panel for flood wiring or cooling
- Adjustable size bottom cable access aperture
- Fitted with 4 castors and supplied with adjustable feet
- Supplied with 2 pairs of keys
- Supplied tamper-proof cage nuts and key

Can be disassembled for transportation using a power tool with a T30 Tamperproof bit (See F00-1842 page 217).



Available with mesh or glass front door



T98-0627 Baying Clip
T98-0627
Baying Clip Pair



SEE
PAGE 14 FOR
DELIVERY
COSTS

PART NO.	DESCRIPTION	PRICE
T98-4061	SERVER CABINET WITH GLASS DOOR 27U 600 (W) X 1000 (D) MM	308.20
T98-4065	SERVER CABINET WITH MESH DOOR 27U 800 (W) X 1000 (D) MM	474.78
T98-0639	SERVER CABINET WITH GLASS DOOR 42U 600 (W) X 1000 (D) MM	367.19
T98-0640	SERVER CABINET WITH GLASS DOOR 42U 800 (W) X 1000 (D) MM	446.93
T98-0656	SERVER CABINET WITH MESH DOOR 42U 600 (W) X 1000 (D) MM	409.00
T98-0657	SERVER CABINET WITH MESH DOOR 42U 800 (W) X 1000 (D) MM	512.67
T98-0627	BAYING CLIP PAIR	4.58



Featuring:
Fully adjustable front and rear profiles with U-height markings



Featuring:
Integrated vertical cable management on 800 (W) models

FUSION CONTRACT SERIES HEAVY DUTY FIXED SHELF (717MM DEEP)

Max even load capacity: 80kg

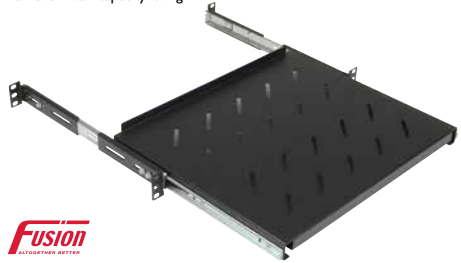


Fusion
ALWAYS THE BETTER

PART NO.	DESCRIPTION	PRICE
T98-3256	717MM SHELF FOR 1000MM DEEP CAB	24.08

FUSION CONTRACT SERIES SLIDING SHELF

Max even load capacity: 50kg



Fusion
ALWAYS THE BETTER

PART NO.	DESCRIPTION	PRICE
T98-0642	550MM SLIDING SHELF FOR 1000MM DEEP CAB	26.29

FUSION CONTRACT SERIES 4 WAY ROOF FAN TRAY

This 4 way fan tray is designed to quickly fit into the cabinet roof panel and is supplied with 1.9m cable.

Single fan noise at 100CFM is 25dBA. Colour black.

Formerly T98-9028



Fusion
ALWAYS THE BETTER

PART NO.	DESCRIPTION	PRICE
T98-5294	4 WAY ROOF FAN	52.09

FUSION U TAPE MEASURE 0-67U 3M

The Fusion 'U' Tape Measure enables the installer to quickly survey data, server and AV cabinet rack locations to easily identify the correct sized unit for the job.

The tape measure has an integral belt clip, a 13mm wide dual scaled blade, measuring 0-67U and 0-3 metres and can be locked at any length.



Fusion
ALWAYS THE BETTER

PART NO.	DESCRIPTION	PRICE
K70-7663	FUSION U TAPE MEASURE 0-67U 3M	2.17

FOR ACTIVE EQUIPMENT SEE PAGES 417-420

- Switches
- PoE Ethernet Switches
- PoE Injectors, Splitters & Extenders
- PoE Plus Switches
- PoE Plus Injectors & Splitters
- Media Converters



FUSION STANDARD CABLE MANAGEMENT BAR

Available in 1U and 2U sizes with four 70mm Management Rings – Black finish.



PART NO.	DESCRIPTION	PRICE
T70-2406	A) 1U MANAGEMENT BAR	4.99
T70-2407	B) 2U MANAGEMENT BAR	9.68

FUSION EXTRA DEEP CABLE MANAGEMENT BAR

1U with four 100mm management rings. Black finish.

Ideal for larger diameter cables.



PART NO.	DESCRIPTION	PRICE
T70-5383	1U EXTRA DEEP MANAGEMENT BAR	8.07

FUSION 1U 4 LOOP LETTERBOX CABLE MANAGEMENT BAR

Fusion 4 loop 1U cable management bar with letterbox cutouts for easy cable routing.



PART NO.	DESCRIPTION	PRICE
T70-5399	1U 4 LOOP LETTERBOX CABLE MANAGEMENT BAR	4.64

FUSION 1U 4 LOOP LETTERBOX CABLE MANAGEMENT BAR WITH BRUSH STRIP

Fusion 4 loop 1U cable management bar with letterbox cutouts and brush strip for easy cable routing.



PART NO.	DESCRIPTION	PRICE
T70-5397	CABLE MANAGEMENT BAR WITH BRUSH STRIP	7.67

FUSION 5 RING CABLE MANAGEMENT BAR

A 5 Ring 1U Management Bar with 3 rings fixed whilst the outside rings are able to rotate through 360 degrees allowing vertical and horizontal cable management.



PART NO.	DESCRIPTION	PRICE
T70-2383	5 RING ADJUSTABLE MANAGEMENT BAR	9.13

FUSION BLANKING PANELS AND SPACE BARS

The 19" Blanking Panels provide a neat way of closing off any unused space in a rack and give a neat and tidy appearance to the finished installation.

Available in sizes

1U, 2U, 3U and 4U and 1(15mm) and 2(30mm) Space.

Colour: Black.



PART NO.	DESCRIPTION	PRICE
T70-2408	1U BLANKING PANEL	3.99
T70-2409	2U BLANKING PANEL	5.58
T70-2410	3U BLANKING PANEL	5.49
T70-2411	4U BLANKING PANEL	7.85
T70-2564	1 SPACE BLANK 15MM	4.02
T70-2565	2 SPACE BLANK 30MM	4.02

FUSION BRUSH PANELS

Used to give a smarter appearance to a cabinet, and prevent dust ingress.

Available in 1U & 2U heights.



PART NO.	DESCRIPTION	PRICE
T70-2372	A) FUSION 1U BRUSH PANEL	11.97
T70-5398	B) FUSION 2U BRUSH PANEL	10.25

FUSION CAGE NUTS & CAGE NUT TOOL

Fusion Cage Nut Sets M6 x 16mm.

Supplied in pkts of 50 and 100 zinc plated or in black.

Caged Nut Insertion and Removal Tool - Ideal for helping installers insert cage nuts into cabinets, and to aid removal. Saves time!



PART NO.	DESCRIPTION	PRICE
T70-2366	ZINC PKT 50 CAGED NUT SET	6.79
T70-2367	ZINC PKT 100 CAGED NUT SET	11.79
T70-2508	BLACK PKT 100 CAGED NUT SET	12.82
C00-0113	CAGED NUT INSERTION/REMOVAL TOOL	6.31

FUSION CABLE RINGS

70mm x 70mm 'Jumper' Rings, designed for vertical management on 800mm Floor Cabinets - Black Finish.

65mm x 45mm 1U Rings designed to give extra management on all Floor and Wall Cabinets - Black finish.



PART NO.	DESCRIPTION	PRICE
T70-2412	70 X 70MM JUMPER RINGS	3.05
T70-2428	65 X 45MM JUMPER RINGS	2.64

FUSION VERTICAL CABLE SUPPORT

The Vertical Cable Support provides additional control for patch leads running vertically in the rack.

This simple metal bracket is fitted under the end of a 1U panel.

A hook and loop cable strap is supplied to secure cables.



PART NO.	DESCRIPTION	PRICE
T70-2370	VERTICAL CABLE SUPPORT	4.27

FUSION CABLE DUMP

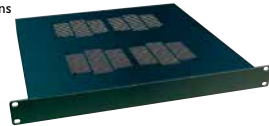
An idea which addresses the problem of hiding excess length patch leads. Install the unit near the bottom of the rack, unclip the front and place excess patch leads into the cable dump, taking care not to over bend the cable.

The plastic fingers will allow cables to exit in a neat and orderly fashion once the cover is fitted.

Available in 1U and 2U heights.

**FUSION RACK MOUNTED FAN UNITS**

These 1U high fan units, are available in 2, 3 and 4 way versions for both Floor and Wall Cabinets. Ideally 2 and 3 way versions should be used in Wall Cabinets.



PART NO.	DESCRIPTION	PRICE
T70-2486	2 WAY RACK MOUNTED FAN UNIT	70.30
T70-2487	3 WAY RACK MOUNTED FAN UNIT	97.45
T70-2488	4 WAY RACK MOUNTED FAN UNIT	108.20

FUSION CABLE TRAY

Available in 150mm width. (100mm, 200mm & 300mm available on request)



PART NO.	DESCRIPTION	PRICE
T98-4571	18U 150MM CABLE TRAY	12.71
T98-0058	21U 150MM CABLE TRAY	13.91
T98-4572	27U 150MM CABLE TRAY	17.50
T98-4573	39U 150MM CABLE TRAY	18.46
T98-4574	42U 150MM CABLE TRAY	23.98
T98-4575	45U 150MM CABLE TRAY	25.39

FUSION 19" 1.5U UNIVERSAL MOUNTING BRACKET

Designed to be fitted within the 19" profiles of cabinets and wallboxes, this recessed bracket enables the rackmounting of non-19" equipment such as power supplies and alarm boxes. Alternatively it may be used as a recessed cable tie bar.



PART NO.	DESCRIPTION	PRICE
T70-5382	FUSION 19" UNIVERSAL MOUNTING BRACKET	15.40

A**B**

PART NO.	DESCRIPTION	PRICE
T70-2368	A) 1U CABLE DUMP	10.76
T70-2369	B) 2U CABLE DUMP	12.38



Power Distribution Units *Altogether better because...*

- Angled sockets for ease of cable management and smarter appearance (vertical PDUs only)
- All PDUs are earthed
- Includes a cover to prevent any accidental switching!
- All PDUs have anti spike filters as standard



FUSION HORIZONTAL & VERTICAL PDUs

A high quality range of filtered horizontal and vertical power distribution units with angled sockets (vertical units only) available in 1½ U vertical and 1 or 1½ U horizontal. Colour: Black. All PDUs are earthed.

Each unit is supplied complete with:

- 4 piece caged nut set
- Angled sockets (vertical units only)
- 3 metre 1.5mm² cable complete with fitted fused plug
- Complies with BS5733
- 13 amp max continuous current (UK plug versions)
- All PDUs are filtered



INDIVIDUALLY TESTED WITH UK PAT TESTER



HORIZONTAL FILTERED UNITS

PART NO.	DESCRIPTION	PRICE
T96-2357	6 WAY 1.5U HORIZONTAL FILT PDU	31.78
T96-4675	6 WAY 1U HORIZONTAL FILT PDU	27.76

VERTICAL FILTERED UNITS

PART NO.	DESCRIPTION	PRICE
T96-2350	4 WAY VERTICAL FILT PDU 464MM LGTH	28.53
T96-2352	8 WAY VERTICAL FILT PDU 776MM LGTH	34.45
T96-2354	12 WAY VERTICAL FILT PDU 1086MM LGTH	39.85

FUSION POWER DISTRIBUTION UNITS WITH BS4343 240V PLUG (COMMANDO)

Fusion standard power distribution units for supply of mains power to 19" mounted equipment. The plug leads on this range are terminated with an industrial specification BS EN 60309 (BS4343) 2 pair + earth 16A and 32A 250V connector. The plugs are IP64 Sealed.

FUSION HORIZONTAL COMMANDO PDUs

Cable length: 3.0M



INDIVIDUALLY TESTED WITH UK PAT TESTER

PART NO.	DESCRIPTION	PRICE
T96-9470	6 WAY HORIZONTAL BS4343 16A PDU	38.78
T96-9472	6 WAY HORIZONTAL BS4343 32A PDU	48.54

FUSION VERTICAL COMMANDO PDUs

Cable length: 3.0M



INDIVIDUALLY TESTED WITH UK PAT TESTER

PART NO.	DESCRIPTION	PRICE
T96-9473	8 WAY VERTICAL BS4343 16A PDU	45.30
T96-9474	10 WAY VERTICAL BS4343 16A PDU	51.45
T96-9475	12 WAY VERTICAL BS4343 16A PDU	61.44
T96-9478	12 WAY VERTICAL BS4343 32A PDU	72.79



CABINETS & ACCESSORIES

FUSION IEC C13 POWER DISTRIBUTION UNITS

Each unit is supplied complete with:

- 4 piece caged nut set
- 3 metre 1.5mm² cable complete with fitted fused plug
- Complies with BS5733
- 13 Amp max continuous current (UK plug versions)
- All PDUs are filtered

Fusion
ALTOGETHER BETTER



INDIVIDUALLY
TESTED WITH UK
PAT TESTER



PART NO.	DESCRIPTION	PRICE
T96-2359	8 WAY HORIZONTAL IEC PDU	24.21
T96-2361	12 WAY HORIZONTAL IEC PDU	28.53
T96-2365	12 WAY VERTICAL IEC PDU	28.53

FUSION HORIZONTAL FILTERED PDU, 6 WAY IEC C13 WITH IEC C14 PLUG

High quality horizontal mounting power distribution unit with 6 IEC C13 power outlets and a 3m IEC C14 lead. Complies with BS5733.

Fusion
ALTOGETHER BETTER



PART NO.	DESCRIPTION	PRICE
T96-2913	6 WAY HORIZONTAL IEC PDU WITH C14 PLUG	30.71

FUSION UK SOCKET PDUS WITH 3M IEC C14 LEAD

A high quality filtered power distribution units.

Supplied in 1½ U horizontal or vertical.

Colour: Black.

Features:

- 4 piece caged nut set
- 3 metre 1.5mm² cable complete with fitted IEC C14 socket
- Complies with BS5733
- Filtered



Fusion
ALTOGETHER BETTER

PART NO.	DESCRIPTION	PRICE
T96-2911	A) 6 WAY VERTICAL PDU	26.78
T96-2912	B) 12 WAY VERTICAL PDU	37.08
T96-3253	C) 6 WAY HORIZONTAL PDU	26.78

IEC C13 LEADS - UK 5 AMP

3-pin Plug Top to IEC Female
(Fused 5 amp)



Fusion
ALTOGETHER BETTER

PART NO.	DESCRIPTION	PRICE
T70-9480	2M IEC LEADS UK 5 AMP	2.53
T70-9481	3M IEC LEADS UK 5 AMP	4.45

IEC C13 TO C14 EXTENSION CABLES

Fusion
ALTOGETHER BETTER

PART NO.	DESCRIPTION	PRICE
T70-9485	2M IEC MALE TO IEC FEMALE	1.71
T70-9486	3M IEC MALE TO IEC FEMALE	3.08

CANNON TECHNOLOGIES 600 WIDE 'SMARTNET' FREE STANDING CABINETS

Available colours:

Black RAL9005 or Grey RAL7037

600WIDE Available in BLACK or GREY

- 4 fully adjustable 19" mounting profiles
- Vented, framed 270° opening glass front door (other door options are available)
- Lockable, 270° opening steel rear door
- Lockable and removable drop in side panels
- Quick release hinges on all doors
- High quality swing handle lock as standard
- Roof has high capacity cable glands situated at the rear on both sides
- Cable glands allow the roof to be removed, even when fully cabled
- Supplied with transit castors and earth bonding kit
- Load rating: 1000kg static when sited directly on floor
- Next day delivery to most parts of mainland UK (see page 3 for details)
- Flat pack option available
- Available colours: Black RAL9005 or Grey RAL7037

AVAILABLE
IN BLACK
AND GREY

SEE
PAGE 14 FOR
DELIVERY
COSTS

CANNON
TECHNOLOGIES LTD



	PART NO.	HEIGHT	EXTERNAL SIZE (WIDTH X DEPTH)	OVERALL HEIGHT	PRICE
	BLACK				
	C98-5500	18U	600 X 690MM	921MM	415.50
	C98-5501	27U	600 X 690MM	1322MM	452.99
	C98-5502	33U	600 X 690MM	1589MM	489.66
	C98-5503	39U	600 X 690MM	1856MM	511.24
	C98-5504	42U	600 X 690MM	1989MM	533.59
	C98-5505	47U	600 X 690MM	2212MM	573.09
	BLACK				
	C98-5506	18U	600 X 890MM	921MM	523.47
	C98-5507	27U	600 X 890MM	1322MM	475.55
	C98-5508	33U	600 X 890MM	1589MM	509.44
	C98-5509	39U	600 X 890MM	1856MM	532.87
	C98-5510	42U	600 X 890MM	1989MM	553.88
	C98-5511	47U	600 X 890MM	2212MM	592.87
	GREY				
	C98-5522	18U	600 X 690MM	921MM	415.50
	C98-5523	27U	600 X 690MM	1322MM	452.99
	C98-5524	33U	600 X 690MM	1589MM	489.66
	C98-5525	39U	600 X 690MM	1856MM	511.24
	C98-5526	42U	600 X 690MM	1989MM	533.59
	C98-5527	47U	600 X 690MM	2212MM	573.09
	GREY				
	C98-5528	18U	600 X 890MM	921MM	438.93
	C98-5529	27U	600 X 890MM	1322MM	475.55
	C98-5530	33U	600 X 890MM	1589MM	509.44
	C98-5531	39U	600 X 890MM	1856MM	532.87
	C98-5532	42U	600 X 890MM	1989MM	553.88
	C98-5533	47U	600 X 890MM	2212MM	592.87

*INTERNAL FRONT DOOR TO INTERNAL REAR DOOR DEPTH

CANNON TECHNOLOGIES 800 WIDE 'SMARTNET' FREE STANDING CABINETS

800WIDE Additional features over 600mm Wide

SmartNet Cabinet.

- 4 cable management infill panels
- 2 at the front and 2 at the rear
- Infill panels designed to accept vertical cable management rings (see chart below)
- Load rating: 1000kg static when sited directly on floor
- Flat pack option available
- Available colours: Black RAL9005 or Grey RAL7037



CANNON
TECHNOLOGIES LTD



VERTICAL CABLE RING CAPACITIES

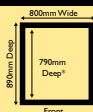
CABINET HEIGHT	RINGS PER INSERT	MAX RINGS PER CABINETS (4 INFILLS)
27U	8	32
33U	10	40
39U	11	44
42U	13	52
47U	15	60

BLACK



PART NO.	HEIGHT	EXTERNAL SIZE (WIDTH X DEPTH)	OVERALL HEIGHT	PRICE
C98-5512	27U	800 X 690MM	1322MM	542.50
C98-5513	33U	800 X 690MM	1589MM	576.44
C98-5514	39U	800 X 690MM	1856MM	598.38
C98-5515	42U	800 X 690MM	1989MM	627.12
C98-5516	47U	800 X 690MM	2212MM	658.58

BLACK



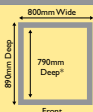
C98-5517	27U	800 X 890MM	1322MM	572.78
C98-5518	33U	800 X 890MM	1589MM	606.05
C98-5519	39U	800 X 890MM	1856MM	630.21
C98-5520	42U	800 X 890MM	1989MM	721.80
C98-5521	47U	800 X 890MM	2212MM	655.60

GREY



C98-5534	27U	800 X 690MM	1322MM	542.50
C98-5535	33U	800 X 690MM	1589MM	576.44
C98-5536	39U	800 X 690MM	1856MM	598.38
C98-5537	42U	800 X 690MM	1989MM	627.12
C98-5538	47U	800 X 690MM	2212MM	658.58

GREY



C98-5539	27U	800 X 890MM	1322MM	572.78
C98-5540	33U	800 X 890MM	1589MM	606.05
C98-5541	39U	800 X 890MM	1856MM	630.21
C98-5542	42U	800 X 890MM	1989MM	649.98
C98-5543	47U	800 X 890MM	2212MM	655.60

*INTERNAL FRONT DOOR TO INTERNAL REAR DOOR DEPTH

CANNON TECHNOLOGIES 600 WIDE 'SMARTNET' FREE STANDING SERVER CABINETS

- Vented, framed, 270° opening,
- MaxiVent perforated front door (other door options available)
- MaxiVent perforated, lockable rear door
- 4 fully adjustable 19" mounting profiles
- Lockable, drop in side panels
- Roof has high capacity cable glands situated at the rear on both sides
- Cable glands allow the roof to be removed, even when fully cabled
- Roof panel removable for flood wiring
- Supplied with transit castors and earth bonding kit
- Load rating: 1000kg static when sited directly on floor
- Flat pack option available (See page 198)
- Available colours: Black RAL9005 or Grey RAL7037
- Next day delivery to most parts of mainland UK

AVAILABLE
IN BLACK
AND GREY

SEE
PAGE 14 FOR
DELIVERY
COSTS



CANNON
TECHNOLOGIES LTD

	PART NO.	HEIGHT	EXTERNAL SIZE (WIDTH X DEPTH)	OVERALL HEIGHT	PRICE
	BLACK				
	C98-5544	27U	600 X 1090MM	1322MM	544.20
	C98-5545	33U	600 X 1090MM	1589MM	572.83
	C98-5546	39U	600 X 1090MM	1856MM	602.81
	C98-5547	42U	600 X 1090MM	1989MM	619.29
	C98-5548	47U	600 X 1090MM	2212MM	660.02
	GREY				
	C98-5549	27U	600 X 1090MM	1322MM	544.20
	C98-5550	33U	600 X 1090MM	1589MM	572.84
	C98-5551	39U	600 X 1090MM	1856MM	602.81
	C98-5552	42U	600 X 1090MM	1989MM	619.29
	C98-5553	47U	600 X 1090MM	2212MM	660.02

*INTERNAL FRONT DOOR TO INTERNAL REAR DOOR DEPTH



CANNON TECHNOLOGIES 800 WIDE 'SMARTNET' FREE STANDING SERVER CABINETS

Additional features over 600mm Wide SmartNet Server Cabinet

- 4 cable management infill panels, 2 at the front and 2 at the rear
- Infill panels designed to accept vertical cable management rings (See chart below)
- Load rating: 1000kg static when sited directly on floor
- Flat pack option available
- Available colours: Black RAL9005 or Grey RAL7037
- Next day delivery to most parts of mainland UK

AVAILABLE
IN BLACK
AND GREY

SEE
PAGE 14 FOR
DELIVERY
COSTS

CANNON
TECHNOLOGIES LTD

VERTICAL CABLE RING CAPACITIES

CABINET HEIGHT	RINGS PER INSERT	MAX RINGS PER CABINETS (4 INFILLS)
27U	8	32
33U	10	40
39U	11	44
42U	13	52
47U	15	60



CABINETS &
ACCESSORIES

	PART NO.	HEIGHT	EXTERNAL SIZE (WIDTH X DEPTH)	OVERALL HEIGHT	PRICE
BLACK					
	C98-5554	27U	800 X 1090MM	1322MM	651.73
	C98-5555	33U	800 X 1090MM	1589MM	679.75
	C98-5556	39U	800 X 1090MM	1856MM	709.16
	C98-5557	42U	800 X 1090MM	1989MM	725.79
	C98-5558	47U	800 X 1090MM	2212MM	762.46
GREY					
	C98-5559	27U	800 X 1090MM	1322MM	651.73
	C98-5560	33U	800 X 1090MM	1589MM	679.75
	C98-5561	39U	800 X 1090MM	1856MM	709.16
	C98-5562	42U	800 X 1090MM	1989MM	725.79
	C98-5563	47U	800 X 1090MM	2212MM	762.46

*INTERNAL FRONT DOOR TO INTERNAL REAR DOOR DEPTH

CANNON 'SERVERSMART' FREE STANDING SERVER CABINETS

The Cannon ServerSmart Cab provides the perfect environment for universal housing of 19-inch servers.

- Four infinitely adjustable 19-inch mounting posts allowing universal server mounting - enables rapid and simple server installation
- Cannon Exclusive: doors open 180° when bayed and 270° at end of bay or when standalone Quick-release hinges on all doors
- Two drop-in ribbed and lockable side panels
- Single key operates side panel & door locks (non-locking versions available)
- Multiple moulded finger cable entry glands in roof
- Maximum cable access through base
- Four transit castors fitted
- A choice of door styles for rear access
- MaxiVent curved perforated doors (front and rear)
- Split Doors - wardrobe-style, are available for narrow aisles
- Sliding roof design allows easy access for fan unit (interchangeable)
- Standard finish is powder painted 'Velvet Black' to RAL 9005. 'Grey White' RAL 9002 and other colours are available on request

SEE
PAGE 14 FOR
DELIVERY
COSTS



CANNON
TECHNOLOGIES LTD

PART NO.	HEIGHT	WIDTH	DEPTH	OVERALL HEIGHT	PRICE
C98-5564	25U	600MM	1000MM	1230MM	704.67
C98-5565	33U	600MM	1000MM	1589MM	794.75
C98-5566	42U	600MM	1000MM	1989MM	899.45
C98-5567	45U	600MM	1000MM	2118MM	927.77
C98-5568	47U	600MM	1000MM	2212MM	956.15
C98-5569	52U	600MM	1000MM	2434MM	1147.37



CANNON 'SERVERSMART' FREE STANDING SERVER CABINETS

The Cannon ServerSmart Cab provides the perfect environment for universal housing of 19-inch servers.

- Four infinitely adjustable 19-inch mounting posts allowing universal server mounting - enables rapid and simple server installation
- Cannon Exclusive: doors open 180° when bayed and 270° at end of bay or when standalone Quick-release hinges on all doors
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- Maximum cable access through base
- Four transit castors fitted
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- MaxiVent curved perforated doors (front and rear)
- Split Doors - wardrobe-style, are available for narrow aisles
- Sliding roof design allows easy access for fan unit (interchangeable)
- Standard finish is powder painted 'Velvet Black' to RAL 9005. 'Grey White' RAL 9002 and other colours are available on request

SEE
PAGE 14 FOR
DELIVERY
COSTS



*600mm wide version pictured.

CANNON
TECHNOLOGIES LTD

PART NO.	HEIGHT	WIDTH	DEPTH	OVERALL HEIGHT	PRICE
C98-5570	25U	800MM	1000MM	1230MM	772.45
C98-5571	33U	800MM	1000MM	1589MM	797.17
C98-5572	42U	800MM	1000MM	1989MM	1000.28
C98-5573	45U	800MM	1000MM	2118MM	1036.64
C98-5574	47U	800MM	1000MM	2212MM	1073.00
C98-5575	52U	800MM	1000MM	2434MM	1785.86

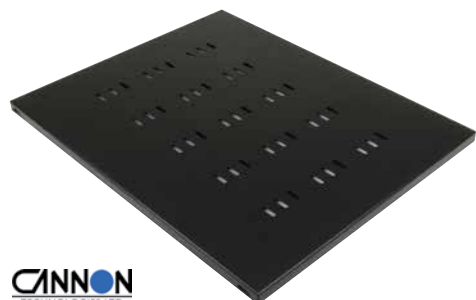


CANNON
TECHNOLOGIES LTD

CANNON TECHNOLOGIES - FIXED SHELVES - 50KG LOADING

AVAILABLE
IN BLACK
AND GREY

PART NO.	DEPTH	MAX EVEN LOAD	PRICE
BLACK			
C98-5582	450MM	50KG	11.59
C98-5583	550MM	50KG	12.72
C98-5584	600MM	50KG	13.96
GREY			
C98-5585	450MM	50KG	11.59
C98-5586	550MM	50KG	12.72
C98-5587	600MM	50KG	13.96



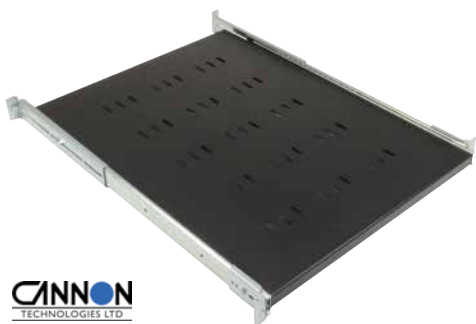
CANNON
TECHNOLOGIES LTD

CANNON TECHNOLOGIES - HEAVY DUTY FIXED SHELVES - 100KG LOADING

AVAILABLE
IN BLACK
AND GREY

These vented reinforced shelves fix between the front and rear mounting posts and will support an evenly distributed load of up to 100kg.

PART NO.	DEPTH	MAX EVEN LOAD	PRICE
BLACK			
C98-5588	450MM	100KG	41.61
C98-5589	550MM	100KG	42.18
C98-5590	600MM	100KG	42.80
GREY			
C98-5591	450MM	100KG	41.61
C98-5592	550MM	100KG	42.18
C98-5593	600MM	100KG	42.80



CANNON
TECHNOLOGIES LTD

CANNON TECHNOLOGIES - TELESCOPIC SHELVES

AVAILABLE
IN BLACK
AND GREY

PART NO.	DEPTH	MAX EVEN LOAD	PRICE
BLACK			
C98-5594	450MM	40KG	95.74
C98-5595	550MM	40KG	98.62
C98-5596	600MM	40KG	112.42
GREY			
C98-5597	450MM	40KG	95.74
C98-5598	550MM	40KG	98.62
C98-5599	600MM	40KG	112.42



CANNON
TECHNOLOGIES LTD

CANNON TECHNOLOGIES - ADJUSTABLE DEPTH SHELVES

- These depth adjusting shelves allow the siting of shelves at any depth
- Supplied complete with fixings
- Supplied in black

PART NO.	DEPTH RANGE	MAX EVEN LOAD	PRICE
C98-5600	600-800MM	100KG	58.50
C98-5601	800MM-1000MM	100KG	76.58

CANNON
 TECHNOLOGIES LTD

**CANNON TECHNOLOGIES -
 CANTILEVER SHELVES**

 AVAILABLE
 IN BLACK
 AND GREY

PART NO.	DEPTH	HEIGHT	MAX EVEN LOAD	PRICE
BLACK				
C98-5576	190MM	1U	20KG	13.91
C98-5577	350MM	2U	20KG	17.46
C98-5578	500MM	2U	20KG	20.03
GREY				
C98-5579	190MM	1U	20KG	13.91
C98-5580	350MM	2U	20KG	17.46
C98-5581	500MM	2U	20KG	20.03

CANNON
 TECHNOLOGIES LTD

**CANNON TECHNOLOGIES -
 ROOF MOUNT FAN TRAY**

Easy fit roof mount trays for Cannon cabinets.

 AVAILABLE
 IN BLACK
 AND GREY

PART NO.	FANS	CABLE LENGTH	PRICE
BLACK			
C98-5607	2 WAY	3M	69.63
C98-5608	4 WAY	3M	88.17
C98-5609	6 WAY	3M	106.76
GREY			
C98-5610	2 WAY	3M	69.63
C98-5611	4 WAY	3M	88.17
C98-5612	6 WAY	3M	106.76

CANNON
 TECHNOLOGIES LTD

**CANNON TECHNOLOGIES - SERVER
 SMART QUICK FIT FAN TRAYS**

Easy fit roof mount trays for Server Smart cabinets.

- Supplied in black

PART NO.	FANS	CABLE LENGTH	PRICE
C98-5604	2 WAY	3M	123.60
C98-5605	4 WAY	3M	156.82
C98-5606	6 WAY	3M	196.01

CANNON
 TECHNOLOGIES LTD

**CANNON TECHNOLOGIES - ROOF MOUNT LOW
 NOISE FAN TRAYS**

- These easy fit roof mount trays are fitted with low noise fans with a sound level of just 0/27db (A) per fan
- For use with Cannon SmartNet cabinets
- Supplied with 3m mains lead and 13 amp UK plug

 AVAILABLE
 IN BLACK
 AND GREY

PART NO.	FANS	CABLE LENGTH	PRICE
BLACK			
C98-5613	2 WAY	3M	83.58
C98-5614	4 WAY	3M	105.83
C98-5615	6 WAY	3M	128.18
GREY			
C98-5616	2 WAY	3M	83.58
C98-5617	4 WAY	3M	105.83
C98-5618	6 WAY	3M	128.18

150MM POWDER COATED TRAY

AVAILABLE
IN BLACK
AND GREY

CANNON
TECHNOLOGIES LTD

PART NO.	HEIGHT	WIDTH	PRICE
BLACK			
C98-4830	18U	150MM	15.34
C98-4831	27U	150MM	19.01
C98-4832	33U	150MM	20.79
C98-4833	39U	150MM	23.09
C98-4834	42U	150MM	26.46
C98-4835	47U	150MM	28.35
GREY			
C98-4836	18U	150MM	28.30
C98-4837	27U	150MM	32.46
C98-4838	33U	150MM	35.16
C98-4839	39U	150MM	38.19
C98-4840	42U	150MM	26.46
C98-4841	47U	150MM	41.97

300MM POWDER COATED TRAY

AVAILABLE
IN BLACK
AND GREY

CANNON
TECHNOLOGIES LTD

PART NO.	HEIGHT	WIDTH	PRICE
BLACK			
C98-4842	18U	300MM	32.64
C98-4843	27U	300MM	37.45
C98-4844	33U	300MM	40.56
C98-4845	39U	300MM	44.05
C98-4846	42U	300MM	45.45
C98-4847	47U	300MM	48.41
GREY			
C98-4848	18U	300MM	32.64
C98-4849	27U	300MM	37.45
C98-4850	33U	300MM	40.56
C98-4851	39U	300MM	44.05
C98-4852	42U	300MM	45.45
C98-4853	47U	300MM	48.41

PLINTHS

Plinth height is 100mm.



AVAILABLE
IN BLACK
AND GREY

CANNON
TECHNOLOGIES LTD

PART NO.	CABINET SIZE (WXD)	PRICE
BLACK		
C98-5619	600MM X 600MM	91.41
C98-5620	600MM X 800MM	95.38
C98-5621	600MM X 1000MM	103.31
C98-5622	800MM X 600MM	95.38
C98-5623	800MM X 800MM	99.34
C98-5624	800MM X 1000MM	107.27
GREY		
C98-5625	600MM X 600MM	91.41
C98-5626	600MM X 800MM	95.38
C98-5627	600MM X 1000MM	103.31
C98-5628	800MM X 600MM	95.38
C98-5629	800MM X 800MM	99.34
C98-5630	800MM X 1000MM	107.27

RETRACTABLE STABILISING ARM

AVAILABLE
IN BLACK
AND GREY

CANNON
TECHNOLOGIES LTD

Easily retrofitted to the cabinet base providing protection against tipping of free standard cabinets.

PART NO.	CABINET SIZE (WXD)	PRICE
BLACK		
C98-5631	600MM X 600MM	133.90
C98-5632	600MM X 800MM	142.86
C98-5633	600MM X 1000MM	151.77
C98-5634	800MM X 600MM	142.86
C98-5635	800MM X 800MM	151.77
C98-5636	800MM X 1000MM	160.68
GREY		
C98-5637	600MM X 600MM	133.90
C98-5638	600MM X 800MM	142.86
C98-5639	600MM X 1000MM	151.77
C98-5640	800MM X 600MM	142.86
C98-5641	800MM X 800MM	151.77
C98-5642	800MM X 1000MM	160.68

HEAVY DUTY CASTORS

Set of 4.

2 x locking, 2 x non-locking.



PART NO.	DESCRIPTION	PRICE
C98-5647	HEAVY DUTY CASTORS	38.37

LEVELLING FEET - SET OF 4



PART NO.	DESCRIPTION	PRICE
C98-5644	LEVELLING FEET - SET OF 4	55.48

SCREW JACKS

- These 25mm base screw jacks, when fully retracted, will allow the castors to pivot through 360°
- Max loading 500kg



PART NO.	DESCRIPTION	PRICE
C98-5645	M10 X 70MM	15.60
C98-5646	M10 X 100MM	16.74

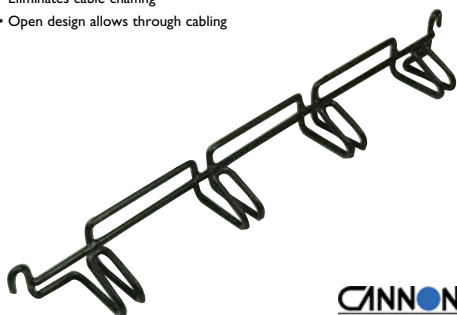
BAYING KIT & BONDING KIT



PART NO.	DESCRIPTION	PRICE
C98-5643	BAYING KIT	3.50
C98-5688	BONDING KIT	13.35

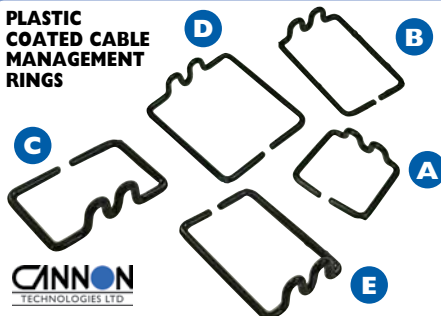
19" PLASTIC COATED WIRE MANAGEMENT BAR

- Plastic coated wire cable management bar
- Eliminates cable chaffing
- Open design allows through cabling



PART NO.	DESCRIPTION	PRICE
C98-4854	PLASTIC COATED WIRE MANAGEMENT BAR	6.70

PLASTIC COATED CABLE MANAGEMENT RINGS



PART NO.	DESCRIPTION	PRICE
C98-5679	A) 60 X 50MM	2.53
C98-5680	B) 60 X 100MM	2.53
C98-5681	C) 110 X 50MM	2.53
C98-5682	D) 110 X 100MM	2.53
C98-5683	E) 150 X 50MM	2.53



EUROCRAFT TECHNOLOGIES

Today's engineering, protecting tomorrow's technology.



Passive Enclosures

Fundamental to making ideas tangible, effective design ensures practical outcomes aligned to meet the challenges of real world needs.

With a proven record of creative and sustainable enclosure design, Eurocraft delivers competitive advantage for high value installations.

Our team of design engineers create innovative products that support major telecommunication networks and a wide range of industrial applications.

Our in house Design team will create Innovative and cost effective solutions to suit your problem.

Enclosure Integration

Integration of components and subsystems during product development is essential to achieve success, particularly for complex projects where specialist skill often fall outside in-house expertise.

As an end to end service provider, Eurocraft support rollout of new technologies such as next generation networks.

Eurocraft offer a complete end to end service for cabinet integration. Complementary to Eurocraft's core capabilities, this additional resource enables provision of turnkey delivery to industrial and telecom clients.



Custom power solutions

Custom power enclosures and backboards designed and developed to suit new project demands as well as offering cost reductions and safety improvements.

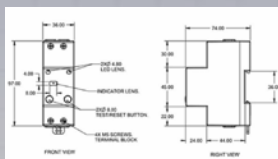
Providing DNO incoming power systems as full assembled power boards or secondary fed forward power system enclosures to reduce civil and DNO costs on expansion or new sites.

Ultimate protection for engineering staff and general members of the public, EN/BS 18th Edition compliant, 100% removal of periodic testing and nuisance tripping.

In-house designed and manufactured.

Smart RCD

RCD nominal sizes
97mm High x 74mm Deep x 36mm Wide



BS7671 periodic testing compliant, 2 pole, self testing, auto re-closing, externally communicating RCD

- Voltage 110-240Vac
- Rated residual current 30mA, 100mA, 300mA
- Trip time <30ms
- IP20
- Maximum connector cross section 25mm²
- Slave and master system



SMART RCD





Copper Cabling Products



Backboxes

Cat 5e, Cat 6 & Cat 6A Cable

Cat 5e, Cat 6 & Cat 6A
Patch Panels

Cat 5e, Cat 6 & Cat 6A
Modules & Jacks



Cat 5e, Cat 6 & Cat 6A
Patch Leads

Cable Relief Boots

Faceplates

Inline & Through Couplers

Modular Plugs



Fusion Cat 5e Cable

Altogether better because...

- 25 year system warranty
 - Competitively priced
 - Metre marked 305-0m
 - Category 5e compliant
- Heavy duty boxes are:
- designed to take a bashing!
 - suitable for stacking
 - have plastic reinforced handle grips
 - have no-snag cable dereeler

**FUSION PRICE CHECK
GUARANTEED**

All Fusion Cat 5e cable is price checked against the industry prices on a monthly basis



FUSION 'DUAL PULL' CABLE BOXES

All Fusion Cat 5e cables (excluding FTP), external and stranded, when ordered in multiples of two, are supplied in a heavy duty dual pull cable distribution box which is supplied complete with two inner 305 metre cable boxes.

- Saves time! - designed to assist the cable installer by allowing two cables to be dispensed at the same time for quicker cable laying
- Made with a removable perforated front outlet so cables can be pulled out quickly and easily
- The two inner Fusion cable boxes can be removed from the outer box and used individually as an option

FUSION 4 PAIR UTP CATEGORY 5E EUROCLASS DCA CABLE VIOLET 305M

CE marked with a EuroClass Dca Designation as part of the CPR (Construction Products Regulations).

Euroclass reaction to fire: D-s2,d2,a1 (BS EN 13501-6:2014)

Supplied in reinforced no snag 'easy reel' boxes – 305M (1000ft) solid core unshielded cable meeting and exceeding the requirements of TIA/EIA 568A ISO/IEC 11801.

Further details available at millstd.com



PART NO.	DESCRIPTION
T70-6811	FUSION 4 PAIR UTP CATEGORY 5E EUROCLASS DCA CABLE VIOLET 305M

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

FUSION 4 PAIR UTP CATEGORY 5E EUROCLASS DCA CABLE 305M

Available in an assortment of coloured cable sheaths.

CE marked with a EuroClass Dca Designation as part of the CPR (Construction Products Regulations).

Euroclass reaction to fire: D-s2,d2,a1 (BS EN 13501-6:2014)

Supplied in reinforced no snag 'easy reel' boxes – 305M (1000ft) solid core unshielded cable meeting and exceeding the requirements of TIA/EIA 568A ISO/IEC 11801.

Further details available at millstd.com



PART NO.	DESCRIPTION
T70-6812	FUSION CAT 5E UTP EUROCLASS DCA CABLE 305M - RED
T70-6813	FUSION CAT 5E UTP EUROCLASS DCA CABLE 305M - YELLOW
T70-6814	FUSION CAT 5E UTP EUROCLASS DCA CABLE 305M - BLUE
T70-6815	FUSION CAT 5E UTP EUROCLASS DCA CABLE 305M - GREEN
T70-6816	FUSION CAT 5E UTP EUROCLASS DCA CABLE 305M - WHITE

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

FUSION 4 PAIR UTP CATEGORY 5E EUROCLASS DCA CABLE SUPPLIED ON A WOODEN 500M DRUM

Solid core unshielded cable meeting and exceeding the requirements of TIA/EIA 568A ISO/IEC 11801.

CE marked with a EuroClass Dca Designation as part of the CPR (Construction Products Regulations).

Euroclass reaction to fire: D-s2,d2,a1 (BS EN 13501-6:2014)

Further details available at millstd.com



PART NO.	DESCRIPTION
T70-6817	FUSION 4 PAIR UTP CATEGORY 5E EUROCLASS DCA CABLE SUPPLIED ON A WOODEN 500M DRUM

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com



FUSION CAT 5E EXTERNAL CABLE BLACK

External Grade Cat 5e Bulk Cable supplied on 305m reels. The cable is sheathed Polyethylene to withstand the elements, and provide resistance to water, moisture, oil and abrasion. For added security, trunking or conduit can be used. ISO 11801EIA/TIA 568A compliant.

Features:

- Suitable for stacking
- Metre-marked 305-0
- 25 year system warranty
- Plastic reinforced handle grips
- Heavy duty double box

For external use only.
Not suitable for use inside buildings.

Since this cable is designed for external use this it is not required to be CE marked with a EuroClass Designation as part of the CPR (Construction Products Regulations).



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
T70-9731	FUSION CAT 5E EXTERNAL CABLE BLACK

FUSION CAT 5E DOUBLE JACKET EXTERNAL CABLE 500M

Double Jacket External Grade UTP Cat 5e cable features a PVC inner jacket covered with a Polyethylene outer jacket for extra robustness. Supplied on a wooden 500m drum.

For external use only.
Not suitable for use inside buildings.

Since this cable is designed for external use this it is not required to be CE marked with a EuroClass Designation as part of the CPR (Construction Products Regulations).



RING SALES FOR
SPECIAL PRICES
OR VISIT
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PART NO.	DESCRIPTION
T70-4196	FUSION CAT 5E DOUBLE JACKET EXTERNAL CABLE 500M

FUSION 4 PAIR UTP CATEGORY 5E STRANDED CABLE GREY 305M

Cat5e stranded cable with grey PVC jacket, specifically designed for the making of patch leads only. It is not suitable for creating permanent links inside buildings with.

Since this cable is designed for making patch leads only and NOT for creating permanent links inside buildings, it is therefore not required to be CE marked with a EuroClass Designation as part of the CPR (Construction Products Regulations).

Supplied in reinforced no snag 'easy reel' boxes with plastic reinforced handle grip.

Further details available at millsltd.com



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
T70-9732	FUSION 4 PAIR UTP CATEGORY 5E STRANDED CABLE GREY 305M

FUSION 4 PAIR UTP CAT 5E EUROCLASS CCA-S1A , D0, A1 VIOLET CABLE

305M (1000ft) solid core unshielded cable meeting and exceeding the requirements of TIA/EIA 568A ISO/IEC 11801.

CE marked with a EuroClass Cca Designation as part of the CPR (Construction Products Regulations).

Euroclass reaction to fire: Cca S1a d0 a1 (BS EN 13501-6:2014).

Supplied in reinforced no snag 'easy reel' boxes

Further details available at millsltd.com



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
T70-0669	FUSION 4 PAIR UTP CAT 5E EUROCLASS CCA-S1A , D0,A1 VIOLET CABLE

LOOKING FOR
CAT
6
CABLE?

See page 400



LOOKING FOR
CAT
6A
CABLE?

See page 406

COPPER CABLING PRODUCTS



Fusion Patch Panels

Altogether better because...

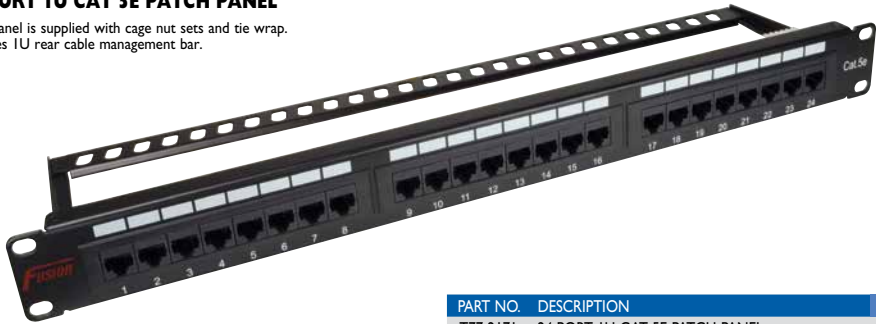


- Designed for ease and speed of installation, benefitting from clearly labelled Krone™ style IDC terminals.
- 25 year warranty compliant

Each panel is supplied with caged nut sets and cable ties. All patch panels are supplied with rear cable management bar(s) excluding the 16 port version.

24 PORT 1U CAT 5E PATCH PANEL

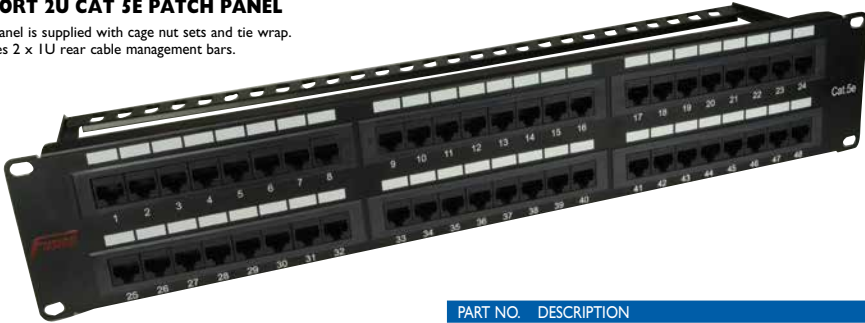
Each panel is supplied with cage nut sets and tie wrap.
Includes 1U rear cable management bar.



PART NO.	DESCRIPTION	PRICE
T77-2171	24 PORT 1U CAT 5E PATCH PANEL	18.49

48 PORT 2U CAT 5E PATCH PANEL

Each panel is supplied with cage nut sets and tie wrap.
Includes 2 x 1U rear cable management bars.



PART NO.	DESCRIPTION	PRICE
T77-2172	48 PORT 2U CAT 5E PATCH PANEL	41.15

24 PORT 1U CAT 5E RIGHT ANGLE PATCH PANEL

Features large integral rear cable management.
Each panel is supplied with cage nut sets and tie wrap.



PART NO.	DESCRIPTION	PRICE
T77-2173	24 PORT RIGHT ANGLE PATCH PANEL	29.36

FUSION CAT 5E CONTRACTOR PACK

A single box loaded with the essential items for a Cat 5e installation, saving both time and money when ordering.

If ordered separately four part numbers would be required, and the total cost would be much greater.

Comprises

- 1 x Fusion 24 port 1U Cat 5e Patch Panel
- 1 x Fusion 4 Ring 1U Cable Management Bar
- 12 x Fusion Single Gang Bevelled Faceplates
- 2 x pack of 12 Fusion CAT 5e Eurostyle Modules



PART NO.	DESCRIPTION	PRICE
T77-0821	FUSION CAT 5E CONTRACTOR PACK	37.07

FUSION RJ45 CAT 5E LOW PROFILE EUROSTYLE MODULES

25 x 50mm, supplied with labelling window and cable ties in bulk (12 piece) "Easy Use" box.



PART NO.	DESCRIPTION	PRICE
T90-5950	LOW PROFILE EUROSTYLE CAT 5E MODULE PK 12	12.45

FUSION RJ45 CAT 5E STANDARD EUROSTYLE MODULES

25 x 50mm, supplied with labelling window and cable ties in bulk (12 piece) "Easy Use" box.

Unhindered access and larger space between IDC blocks enables quicker and easier termination.

Overall depth 34mm.



PART NO.	DESCRIPTION	PRICE
T70-3976	STANDARD EUROSTYLE MODULE PK 12	12.45

FUSION RJ45 CAT 5E Lj6 (6C) MODULES

22 x 37.5mm, supplied with labelling window and cable ties in bulk (12 piece) "Easy Use" box.



PART NO.	DESCRIPTION	PRICE
T90-5956	CAT 5E Lj6 (6C) MODULE PK 12	12.45

COPPER CABLING PRODUCTS

A) FUSION 24 PORT IU MODULAR KEYSTONE JACK PATCH PANEL

An unloaded empty, 24 port patch panel frame that enables flexible port density.

- Supplied as an unloaded empty frame
- Ideal for use with IDC or through coupling keystone jack outlets (to be ordered separately)
- Includes integral rear cable management bar

A**B****B) Fusion CAT 5e UTP Modular RJ45 Keystone Jack**

With 180° Krone style IDC. Suitable for use in Fusion Unloaded Keystone Patch Panels & Fusion Angled Module Shutter Housings.

C**C) Fusion Cat 5e UTP Modular RJ45 to RJ45**

Through Keystone Jack. Suitable for use in Fusion Unloaded Keystone Patch Panels & Fusion Angled Module Shutter Housings.

D-E) Fusion Angled Modules

Empty Eurostyle and Lj6 (6C) shutter housings/adaptors for use with Fusion Cat5e IDC Keystone Jacks which are to be ordered separately.

D**E****F) Fusion Cat 6 UTP Modular Toolless IDC Keystone Jack**

With 180° Krone style IDC. The toolless design enables the cable to be terminated without use of a punch down tool. Suitable for use in Fusion Unloaded Keystone Patch Panels & Fusion Angled Module Shutter Housings.

F

PART NO.	DESCRIPTION	PRICE
T77-4900	A) FUSION 24 PORT EMPTY KEYSTONE PANEL	13.34
T77-4695	B) FUSION CAT 5E IDC KEYSTONE JACK	0.98
T77-4583	C) FUSION CAT 5E THROUGH KEYSTONE JACK	1.49
T77-4901	D) FUSION ANGLED EUROSTYLE SHUTTER HOUSING	0.52
T77-4902	E) FUSION ANGLED Lj6 (6C) SHUTTER HOUSING	0.52
T70-0676	F) FUSION CAT 6 UTP IDC TOOLLESS KEYSTONE JACK	2.01

CAT 5E RJ45 LOW PROFILE EUROSTYLE MODULE BLACK

Cat 5e RJ45 UTP Module Low Profile Eurostyle (50x25mm) Black. Features IDC dust cover, cable retainer and label window protector. Supplied individually.



PART NO.	DESCRIPTION	PRICE
W70-4469	RJ45 LOW PROFILE EUROSTYLE MODULE BLACK	1.29

FUSION CAT 6 INLINE COUPLER

With two sets of clearly coded 110 style IDCs for joining data cable whilst maintaining CAT 6 integrity. Supplied in 'easy tear' poly bag. Includes mounting screws and double-sided self-adhesive pad.

Backwards compatible with Cat 5e.



PART NO.	DESCRIPTION	PRICE
T70-5485	CAT 6 INLINE COUPLER	3.34

FUSION CAT 6 SURFACE MOUNT BOXES

The Fusion Cat6 surface mount boxes can be used for a wide variety of applications and provide a quick and easy method of installing outlets in difficult places or areas with limited space, e.g. under desks, on window sills etc. They are also ideal for temporary or emergency installations and come complete with cable ties, fixing screw and a self-adhesive fixing pad.

Dimensions: 65 x 50 x 30mm.

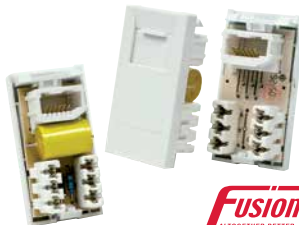


PART NO.	DESCRIPTION	PRICE
T70-7289	FUSION CAT6 SURFACE MOUNT BOX 2 PORT	3.81

FUSION VOICE MODULE

Available in PABX Master, Full master and Secondary versions. Manufactured in ABS white with external identification window. Compatible with most faceplates they are ideal for distributing voice over structured cabling.

Dimensions 25 x 50mm.



PART NO.	DESCRIPTION	PRICE
T70-0051	VOICE PABX MASTER MODULE	1.93
T70-0052	VOICE FULL MASTER MODULE	1.98
T70-0054	VOICE SECONDARY MODULE	1.38



Fusion CAT 5e Patch Leads

Altogether better because...

- Each lead supplied with moulded strain relief boots for extra strength and protection.
- Available in 10 colours and 9 lengths from 0.3m to 15.0m
- Supplied in a single bag containing ten loose leads - no more opening individual bags & uncoiling fiddly twist ties (lengths 0.3-3m).

FUSION CAT 5E LS0H UTP PATCH LEADS

High quality Cat 5e UTP Patch Lead Wired 258A (T568B) 50 Micron Gold Plated RJ45 connectors. Each lead is supplied with moulded strain relief for added protection.



BULK PACKS OF 10

	GREY	RED	GREEN	ORANGE	BLUE	YELLOW	BLACK	PURPLE	PINK	WHITE	PRICE
0.3M	T70-6790	T70-6791	T70-6821	T70-6792	T70-6793	T70-6794	T70-6795	T70-6796	T70-6797	T70-6798	4.01
0.5M	T70-5691	T70-5696	T70-5701	T70-5706	T70-5711	T70-5716	T70-5721	T70-5726	T70-5731	T70-5736	4.52
1.0M	T70-5692	T70-5697	T70-5702	T70-5707	T70-5712	T70-5717	T70-5722	T70-5727	T70-5732	T70-5737	5.94
1.5M	T70-5693	T70-5698	T70-5703	T70-5708	T70-5713	T70-5718	T70-5723	T70-5728	T70-5733	T70-5738	7.07
2.0M	T70-5694	T70-5699	T70-5704	T70-5709	T70-5714	T70-5719	T70-5724	T70-5729	T70-5734	T70-5739	8.24
3.0M	T70-5695	T70-5700	T70-5705	T70-5710	T70-5715	T70-5720	T70-5725	T70-5730	T70-5735	T70-5740	10.79

INDIVIDUAL LEADS

	GREY	RED	GREEN	ORANGE	BLUE	YELLOW	BLACK	PURPLE	PINK	WHITE	PRICE
5.0M	T70-5305	T70-5313	T70-5321	T70-5329	T70-5337	T70-5345	T70-5353	T70-5361	T70-5369	T70-5377	1.66
10.0M	T70-5306	T70-5314	T70-5322	T70-5330	T70-5338	T70-5346	T70-5354	T70-5362	T70-5370	T70-5378	3.15
15M	T70-5307	T70-5315	T70-5323	T70-5331	T70-5339	T70-5347	T70-5355	T70-5363	T70-5371	T70-5379	4.62

FEED THROUGH MODULAR PLUGS

The Fusion Feed Through Modular Plugs are single-piece connectors making terminations faster and more consistent when using the C00-1740 Mills Compact Feed Through RJ45 Crimp Tool or the E70-7697 Mills Feed Through RJ45 Crimp Tool (see page 401).



PART NO.	DESCRIPTION	PRICE
T70-5390	FUSION CAT 5E FEED THROUGH RJ45 PLUGS (PK 10)	2.29
T70-5391	FUSION CAT 5E FEED THROUGH RJ45 PLUGS (PK 100)	21.79
T70-7698	FUSION CAT 6 FEED THROUGH RJ45 PLUGS (PK 10)	2.82
T70-7699	FUSION CAT 6 FEED THROUGH RJ45 PLUGS (PK 100)	25.08

RJ45 MODULAR PLUGS

8 position 8 contact (8P8C) RJ45 plugs suitable for making Cat 5e or Cat 6 patch leads.



PART NO.	DESCRIPTION	PRICE
T70-2192	FUSION CAT 5E RJ45 MODULAR PLUGS PKT 10	0.89
T70-2513	FUSION CAT 5E RJ45 MODULAR PLUGS PKT 100	7.14
T70-0061	FUSION CAT 6 RJ45 MODULAR PLUGS PKT 10	1.49
T70-0062	FUSION CAT 6 RJ45 MODULAR PLUGS PKT 100	9.51

FUSION RJ45 CAT 5E SIZE CABLE RELIEF BOOTS

Supplied in a pack of 100 and available in 7 colours



PART NO.	DESCRIPTION	PRICE
T70-2514	BLACK RJ45 CABLE RELIEF BOOTS PKT 100	5.46
T70-2570	YELLOW RJ45 CABLE RELIEF BOOTS PKT 100	5.46
T70-2568	GREY RJ45 CABLE RELIEF BOOTS PKT 100	5.46
T70-2571	RED RJ45 CABLE RELIEF BOOTS PKT 100	5.46
T70-2572	BLUE RJ45 CABLE RELIEF BOOTS PKT 100	5.46
T70-4206	WHITE RJ45 CABLE RELIEF BOOTS PKT 100	5.15

6 POSITION MODULAR PLUGS

Available in 6P4C (six position, four contact) & 6P6C (six position, six contact) these modular plugs are commonly used to make leads for connecting to RJ11 interfaces.



PART NO.	DESCRIPTION	PRICE
T70-0366	6 POSITION 4 CONTACT MODULAR PLUGS PKT 10	0.71
T70-0367	6 POSITION 6 CONTACT MODULAR PLUGS PKT 10	0.69

Fusion CAT 6 UTP

Altogether better because...

- We've specially designed our Fusion CAT 6 boxes with large cable delivery apertures ensuring a snag free cable delivery. Plastic reinforced handle grips and heavy duty cardboard provide support when carrying boxes on site.



Fusion CAT 6 UTP cable meets or exceeds the latest ISO and TIA requirements for category 6 compliance. As with our Cat 5e range, the Fusion CAT 6 product has been designed for ease of use and to save installer time. When installed by a registered Fusion Installer, the system is guaranteed for 25 years.

FUSION CATEGORY 6 UTP EUROCLASS DCA SOLID CORE CABLE

Supplied in reinforced no snag 'easy reel' boxes – 305M (1000ft). Meets the requirements of TIA/EIA 568A ISO/IEC 11801.

CE marked with a Euroclass Designation as part of the CPR (Construction Products Regulations).

Euroclass reaction to fire: D-s2,d2,a1 (BS EN 13501-6:2014)



PART NO. DESCRIPTION

T70-2895	FUSION CAT 6 UTP DCA CABLE 305M - VIOLET
T70-6904	FUSION CAT 6 UTP DCA CABLE 305M - YELLOW
T70-6906	FUSION CAT 6 UTP DCA CABLE 305M - GREEN
T70-6903	FUSION CAT 6 UTP DCA CABLE 305M - RED
T70-6905	FUSION CAT 6 UTP DCA CABLE 305M - BLUE
T70-6907	FUSION CAT 6 UTP DCA CABLE 305M - WHITE
T70-2896	FUSION CAT 6 UTP DCA CABLE 500M - VIOLET

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FUSION 4 PAIR UTP CATEGORY 6 EUROCLASS CCA CABLE 305M VIOLET

Supplied in reinforced no snag 'easy reel' boxes – 305M (1000ft) solid core unshielded cable meeting and exceeding the requirements of TIA/EIA 568A ISO/IEC 11801. CE marked with a EuroClass Cca Designation as part of the CPR (Construction Products Regulations). Euroclass reaction to fire: Cca S1a d0 a1 (BS EN 13501-6:2014)

(Please note that the "Cca" reference is part of the Euroclass designation system, regarding the cable's reaction to fire. This designation must not be confused with Copper Coated Aluminium cable that is often marketed as "CCA". Copper Coated Aluminium cables categorically do not meet the requirements, nor deliver the performance of Category 5e or Category 6 cables)

Further details available at millsld.com



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PART NO. DESCRIPTION

T70-2898	FUSION CAT 6 UTP EUROCLASS CCA S1A D0 A1 CABLE 305M VIOLET
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FUSION CAT 6 UTP EXTERNAL CABLE DRUM

The cable is made suitable for external use by sheathing it with Polyethylene. This can withstand the outside elements, being a tough material resistant to water, moisture, oil and also abrasion resistant.

For added security, trunking or conduit can be used. Approved for the Fusion 25 year system warranty when installed by an approved Fusion Installer.

For external use only.
Not suitable for use inside buildings.

Since this cable is designed for external use this it is not required to be CE marked with a EuroClass Designation as part of the CPR (Construction Products Regulations).



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PART NO. DESCRIPTION

T70-2894	FUSION CAT 6 UTP EXTERNAL CABLE 500M DRUM
T70-2897	FUSION CAT 6 UTP EXTERNAL CABLE 250M DRUM

FUSION CAT 6 UTP CONTRACTOR PACK

A single box loaded with the essential items for a CAT 6 installation, saving both time and money when ordering.

Comprises:

- 1 x Fusion 24 port 1U Cat 6 Patch Panel
- 1 x Fusion 4 Ring 1U Cable Management Bar
- 12 x Fusion Single Gang Bevelled Faceplates
- 2 x pack of 12 Fusion CAT 6 Eurostyle Modules

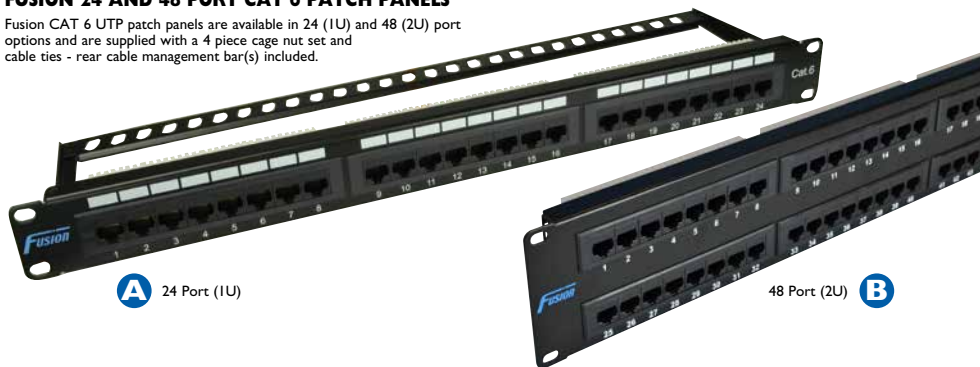
If ordered separately four part numbers would be required, and the total cost would be much greater.



PART NO.	DESCRIPTION	PRICE
T77-4582/PACK	FUSION CAT 6 UTP CONTRACTOR PACK	67.16

FUSION 24 AND 48 PORT CAT 6 PATCH PANELS

Fusion CAT 6 UTP patch panels are available in 24 (1U) and 48 (2U) port options and are supplied with a 4 piece cage nut set and cable ties - rear cable management bar(s) included.



A 24 Port (1U)

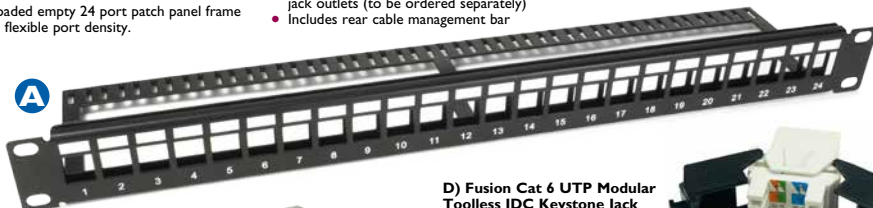
48 Port (2U) **B**

PART NO.	DESCRIPTION	PRICE
T77-9816	A) 24 PORT 1U CAT 6 PANEL	36.76
T77-9817	B) 48 PORT 2U CAT 6 PANEL	68.08

FUSION 24 PORT 1U MODULAR KEYSTONE JACK PATCH PANEL

An unloaded empty 24 port patch panel frame enables flexible port density.

- Supplied as an unloaded empty frame
- Ideal for use with IDC or through coupling keystone jack outlets (to be ordered separately)
- Includes rear cable management bar



A

B) Fusion Cat 6 UTP Modular RJ45 IDC Keystone Jack

With 180° Krone style IDC. Suitable for use in Fusion Unloaded Keystone Patch Panels & Fusion Angled Module Shutter Housings.



B



C

C) Fusion Cat 6 UTP Modular RJ45 Through Keystone Jack.

Suitable for use in Fusion Unloaded Keystone Patch Panels & Fusion Angled Module Shutter Housings.

D) Fusion Cat 6 UTP Modular Toolless IDC Keystone Jack

With 180° Krone style IDC. The toolless design enables the cable to be terminated without use of a punch down tool. Suitable for use in Fusion Unloaded Keystone Patch Panels & Fusion Angled Module Shutter Housings.



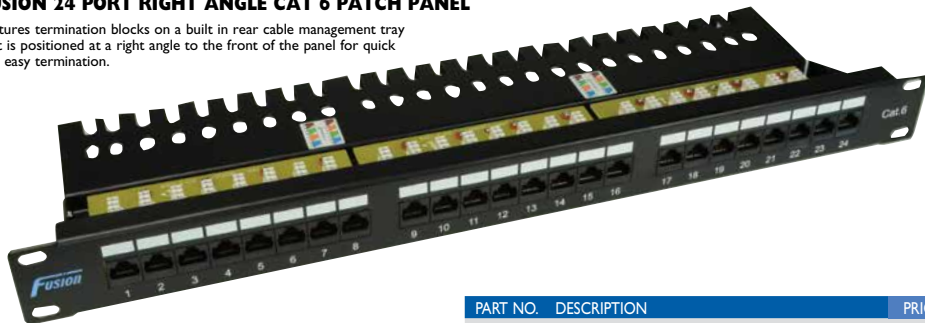
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PART NO.	DESCRIPTION	PRICE
T77-4900	A) FUSION 24 PORT EMPTY KEYSTONE PANEL	13.34
T77-4696	B) FUSION CAT 6 IDC KEYSTONE JACK	1.80
T77-4584	C) FUSION CAT 6 THROUGH KEYSTONE JACK	2.01
T70-0676	D) FUSION CAT 6 TOOLLESS KEYSTONE JACK	2.01

FUSION 24 PORT RIGHT ANGLE CAT 6 PATCH PANEL

Features termination blocks on a built in rear cable management tray that is positioned at a right angle to the front of the panel for quick and easy termination.



PART NO.	DESCRIPTION	PRICE
T77-4193	24 PORT RIGHT ANGLE PATCH PANEL	49.39

COPPER CABLING PRODUCTS

FUSION CAT 6 LOW PROFILE EUROSTYLE MODULES

Eurostyle (25 x 50mm) modules meeting all current specifications for Category 6. The modules have Krone™ style IDCs, labelling window and are supplied with cable ties. Supplied in easy access bulk box of 12.



PART NO.	DESCRIPTION	PRICE
T90-5960	LOW PROFILE EUROSTYLE CAT 6 MODULE PK 12	22.29

FUSION RJ45 CAT 6 STANDARD EUROSTYLE MODULES

25 x 50mm, supplied with labelling window and cable ties in bulk (12 piece) "Easy Use" box. Unhindered access and larger space between IDC blocks enables quicker and easier termination. Overall depth 34mm.



PART NO.	DESCRIPTION	PRICE
T70-3977	STANDARD EUROSTYLE CAT 6 MODULE PK 12	22.29

FUSION CAT 6 RJ45 LJ6 (6C) MODULE

These modules have Krone™ style IDC's, labelling window and are supplied with cable ties inside an easy access bulk box of 12.

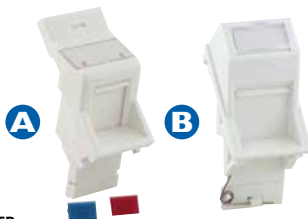
22 x 37.5mm



PART NO.	DESCRIPTION	PRICE
T90-5966	LJ6 CAT 6 MODULE PK 12	22.29

FUSION ANGLED MODULES & KEYSTONE JACKS**A-B) Fusion Angled Modules**

Empty Eurostyle and LJ6 (6C) shutter housings/adaptors for use with Fusion Cat5e IDC Keystone Jacks which are to be ordered separately.

**C) Fusion CAT 5e UTP Modular RJ45 Keystone Jack**

With 180° Krone style IDC. Suitable for use in Fusion Unloaded Keystone Patch Panels & Fusion Angled Module Shutter Housings.

**D) Fusion Cat 5e UTP Modular RJ45 to RJ45**

Through Keystone Jack. Suitable for use in Fusion Unloaded Keystone Patch Panels & Fusion Angled Module Shutter Housings.

**E) Fusion Cat 6 UTP Modular Toolless IDC Keystone Jack**

With 180° Krone style IDC. The toolless design enables the cable to be terminated without use of a punch down tool. Suitable for use in Fusion Unloaded Keystone Patch Panels & Fusion Angled Module Shutter Housings.



PART NO.	DESCRIPTION	PRICE
T77-4901	A) FUSION ANGLED EURO SHUTTER HOUSING	0.52
T77-4902	B) FUSION ANGLED LJ6 (6C) SHUTTER HOUSING	0.52
T77-4695	C) FUSION CAT 5E IDC KEYSTONE JACK	0.98
T77-4583	D) FUSION CAT 5E THROUGH KEYSTONE JACK	1.49
T70-0676	E) FUSION CAT 6 TOOLLESS KEYSTONE JACK	2.01

FUSION CAT 6 UTP LSOH PATCH LEADS WITH STRAIN RELIEF BOOT

Available from 0.3 – 10.0m and supplied in 10 colours.

The leads have 50 Micron Gold Plated RJ45 connectors. Each lead is supplied with moulded strain reliefs for added protection.

Supplied in a single bag containing ten loose leads - no more opening individual bags & uncoiling fiddly twist ties (lengths 0.3-3m).



FUSION CAT 6 LSOH UTP PATCH LEADS (BULK PACKS OF 10)

	GREY	RED	GREEN	ORANGE	BLUE	YELLOW	BLACK	PURPLE	PINK	WHITE	PRICE
0.3M	T70-6799	T70-6800	T70-6801	T70-6802	T70-6803	T70-6804	T70-6805	T70-6806	T70-6807	T70-6808	5.77
0.5M	T70-6020	T70-6025	T70-6030	T70-6035	T70-6040	T70-6045	T70-6050	T70-6055	T70-6060	T70-6065	6.72
1.0M	T70-6021	T70-6026	T70-6031	T70-6036	T70-6041	T70-6046	T70-6051	T70-6056	T70-6061	T70-6066	8.54
1.5M	T70-6022	T70-6027	T70-6032	T70-6037	T70-6042	T70-6047	T70-6052	T70-6057	T70-6062	T70-6067	11.28
2.0M	T70-6023	T70-6028	T70-6033	T70-6038	T70-6043	T70-6048	T70-6053	T70-6058	T70-6063	T70-6068	12.38
3.0M	T70-6024	T70-6029	T70-6034	T70-6039	T70-6044	T70-6049	T70-6054	T70-6059	T70-6064	T70-6069	15.88

FUSION CAT 6 LSOH UTP PATCH LEADS (INDIVIDUAL)

	GREY	RED	GREEN	ORANGE	BLUE	YELLOW	BLACK	PURPLE	PINK	WHITE	PRICE
5.0M	T70-5405	T70-5419	T70-5433	T70-5447	T70-5412	T70-5426	T70-5440	T70-5454	T70-5456	T70-5458	2.40
10.0M	T70-5406	T70-5420	T70-5434	T70-5448	T70-5413	T70-5427	T70-5441	T70-5455	T70-5457	T70-5459	3.81

FUSION CAT 6 SURFACE MOUNT BOXES

The Fusion Cat6 surface mount boxes can be used for a wide variety of applications and provide a quick and easy method of installing outlets in difficult places or areas with limited space, e.g. under desks, on window sills etc. They are also ideal for temporary or emergency installations and come complete with cable ties, fixing screw and a self-adhesive fixing pad.

Dimensions: 65 x 50 x 30mm.



PART NO.	DESCRIPTION	PRICE
T70-7289	B) FUSION CAT6 SURFACE MOUNT BOX 2 PORT	3.81

FUSION CAT 6 INLINE COUPLER



With two sets of clearly coded 110 style IDCs for joining data cable whilst maintaining CAT 6 integrity. Supplied in 'easy tear' poly bag. Includes mounting screws and double-sided self-adhesive pad.

Backwards compatible with Cat 5e.

PART NO.	DESCRIPTION	PRICE
T70-5485	CAT 6 INLINE COUPLER	3.34

FUSION CAT 6 THROUGH COUPLER

Used to couple two Cat.6 patch leads together.

Supplied individually.



PART NO.	DESCRIPTION	PRICE
T70-0759	CAT 6 THROUGH COUPLER	1.82

COPPER CABLING PRODUCTS

FUSION CAT 6 CABLE RELIEF BOOTS

Supplied in packs of 100 and available in 6 colours



PART NO.	DESCRIPTION	PRICE
T70-0170	BLACK RJ45 CABLE RELIEF BOOTS PKT 100	6.56
T70-0171	YELLOW RJ45 CABLE RELIEF BOOTS PKT 100	6.56
T70-0172	GREY RJ45 CABLE RELIEF BOOTS PKT 100	6.56
T70-0173	RED RJ45 CABLE RELIEF BOOTS PKT 100	6.56
T70-0174	GREEN RJ45 CABLE RELIEF BOOTS PKT 100	6.56
T70-0175	BLUE RJ45 CABLE RELIEF BOOTS PKT 100	6.56

KRONE LSA-PLUS WIRE INSERTION TOOL

Tools for LSA-PLUS® IDC termination. Inserts and crops wires simultaneously. Complete with extraction tool and stop clip. It also has a sensor to ensure the conductor is fully inserted into the contact before allowing excess wire to be cut off.



PART NO.	DESCRIPTION	PRICE
C00-8998	A) GENUINE KRONE LSA-PLUS SENSOR WIRE INSERTER	23.61

FUSION KRONE STYLE PUNCHDOWN TOOL

The Fusion Krone Style Punchdown Tool in white is the industry standard 2A style tool for IDC termination. The tool inserts and crops wires simultaneously and is complete with integral extraction tool and stop clip.



PART NO.	DESCRIPTION	PRICE
T70-3799	FUSION KRONE STYLE PUNCHDOWN TOOL	6.73

MILLS MASTERCLASS 110 VERSATILE WIRE INSERTER

Supplied as standard with 110 blade. Optional blade for Krone systems is available separately. A high quality MasterClass punch down tool with high and low impact adjuster and lockable storage in handle for replacement blade. Bayonet style mount allows the blades to be easily and quickly replaced.



PART NO.	DESCRIPTION	PRICE
C70-6865	A) 110 PUNCH DOWN TOOL	20.60
C70-6894	B) SPARE 110 BLADE FOR ABOVE	7.52
C70-6896	C) KRONE BLADE FOR ABOVE	7.52

RJ45 MODULAR PLUGS

8 position 8 contact (8P8C) RJ45 plugs suitable for for making Cat 5e or Cat 6 patch leads.



PART NO.	DESCRIPTION	PRICE
T70-0061	FUSION CAT 6 RJ45 MODULAR PLUG PKT 10	1.49
T70-0062	FUSION CAT 6 RJ45 MODULAR PLUG PKT 100	9.51

A) MILLS FEED THROUGH RJ45 CRIMP TOOL

This durable all-steel construction ratchet action Feed Through RJ45 crimp tool has a built-in cutter and stripper providing consistent terminations. Crimping and trimming of excess conductors is simple with a single squeeze of the tool.

The tool includes a built in jacket stripper for round cable as well as flat cable and even has a flat cable cutter.

Crimping dies are precision ground. Crimps 2, 4, 6 and 8 position RJ-11 and RJ-45 regular and feed through type modular connectors.

Features:

- Compact Design with comfortable grip handles, blue texture grips enhance comfort and permits easy ratcheting.
- Impact resistant handles with protective rubber comfort grips provide high leverage and impact durability.
- Full-cycle ratchet mechanism prevents the release of the connector prior to full compression.
- Black oxide finish resistant to rust and corrosion.
- Length: 220mm
- Weight: 512g

**B) MILLS COMPACT FEED THROUGH RJ45 CRIMP TOOL**

A lightweight compact and durable 'Feed Through' RJ45 crimp tool with integral cutter and stripper providing consistent terminations.



PART NO.	DESCRIPTION	PRICE
E70-7697	A) MILLS FEED THROUGH RJ45 CRIMP TOOL	27.26
C00-1740	B) MILLS COMPACT FEED THROUGH RJ45 CRIMP TOOL	29.95
T70-5390	FUSION CAT 5E FEED THROUGH RJ45 PLUGS (PK 10)	2.29
T70-5391	FUSION CAT 5E FEED THROUGH RJ45 PLUGS (PK 100)	21.79
T70-7698	FUSION CAT 6 FEED THROUGH RJ45 PLUGS (PK 10)	2.82
T70-7699	FUSION CAT 6 FEED THROUGH RJ45 (PK 100)	25.08

MILLS MASTERCLASS UTP, STP STRIPPER/INSERTION TOOL

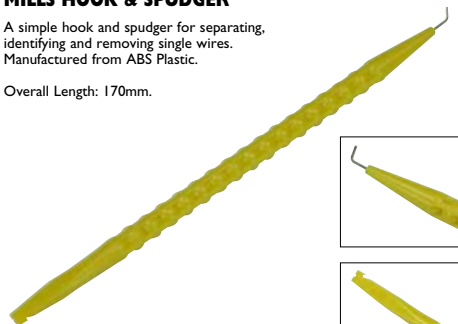
Low cost stripper for 5 - 6mm diameter UTP & STP cables with integral insertion tool for 110, 88 type connectors.



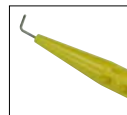
PART NO.	DESCRIPTION	PRICE
C00-301 I	MILLS UTP, STP STRIPPER/INSERTION TOOL	3.08

MILLS HOOK & SPUDGER

A simple hook and spudger for separating, identifying and removing single wires. Manufactured from ABS Plastic.



Overall Length: 170mm.



PART NO.	DESCRIPTION	PRICE
M99-6624	MILLS SPUDGER	2.80

ECO-TOOLS 125MM FLUSH CUTTERS

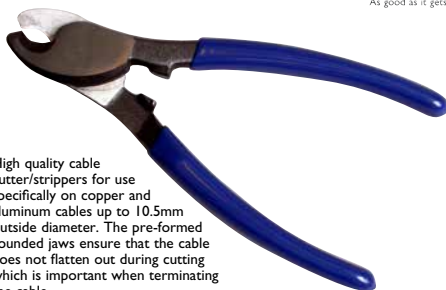
A forged 125mm (5") high quality flush cutter ideal for cutting nylon cable ties and copper wire up to a diameter of 1mm (18SWG). This side cutter has a return spring to assist with repetitive cutting applications.

The nipper has a polished head and blue PVC dipped handles.



PART NO.	DESCRIPTION	PRICE
E72-0617	MILLS FLUSH CUTTER 125 MM	6.13

MILLS MASTERCLASS CABLE CUTTERS FOR 10.5MM O.D.



High quality cable cutter/strippers for use specifically on copper and aluminum cables up to 10.5mm outside diameter. The pre-formed rounded jaws ensure that the cable does not flatten out during cutting which is important when terminating the cable.

Overall length 160mm.

PART NO.	DESCRIPTION	PRICE
E00-1113	MILLS MASTERCLASS 10.5MM CABLE CUTTERS	9.71

TWISTED PAIR (CAT5E/CAT6/CAT6A) STRIPPERS

A) MILLS CYCLOPS UTP/STP STRIPPER

Cyclops data cable stripper for twisted pair (UTP & STP) & multicore (screened & unshielded voice, data, audio, security) & fibre optic cables up to 11mm O.D.



B) FUSION UTP/STP STRIPPER

This stripper has a unique fine adjustment cutting depth mechanism making it ideal for stripping larger diameter UTP/STP such as Cat.6 as well as Cat.5e cable.



C) IDEAL UTP/STP STRIPPER

Stripper suitable for a range of cable types with an outside diameter of 5-8mm. Adjustable blades can be set for any depth to help ensure nick-free strips. Includes one round and three straight blades.



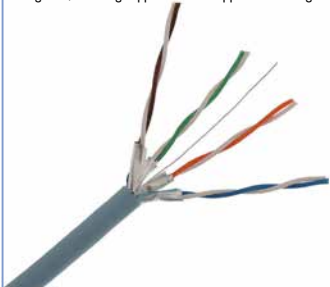
PART NO.	DESCRIPTION	PRICE
E68-3002	A) MILLS CYCLOPS DATA CABLE STRIPPER	8.59
T70-9957	B) FUSION TWISTED PAIR STRIPPER	6.08
E00-3035	C) IDEAL UTP/STP STRIPPER	19.08

COPPER CABLING PRODUCTS



CAT 6A CABLE ICE BLUE U/FTP LS0H DCA 305 M

This Cat 6A U/FTP Shielded Cable offers independently verified Cat 6A component compliant performance and supports high speed protocols such as 10G Ethernet. The cable is backwards compatible to all preceding cabling categories, ensuring support of all IP applications designed to run over them.



PART NO.	DESCRIPTION
T61-5467	CAT 6A CABLE ICE BLUE U/FTP LS0H DCA 305 M

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CAT 6A CABLE ICE BLUE U/FTP B2CA 305 M

This Cat 6A U/FTP Shielded Cable offers independently verified Cat 6A component compliant performance and supports high speed protocols such as 10G Ethernet. The cable is backwards compatible to all preceding cabling categories, ensuring support of all IP applications designed to run over them.



PART NO.	DESCRIPTION
T61-5468	CAT 6A CABLE ICE BLUE U/FTP B2CA 305 M

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CAT 6A SHIELDED 24 PORT PATCH PANEL 1U

This Cat 6A 24 Port 1U Shielded PCB Patch Panel offers Cat 6A compliant performance and supports high speed protocols such as 10G Ethernet. The panel is backwards compatible to all preceding cabling categories, ensuring support of all IP applications.



PART NO.	DESCRIPTION	PRICE
T61-4339	CAT 6A SHIELDED 24 PORT PATCH PANEL 1U	57.17

48 PORT UNLOADED KEYSTONE PATCH PANEL 1 U

The 48 port keystone patch panel provides the facility to mount 48 keystone jacks in a 1U chassis, making it ideal for high density applications in data centres and large comms rooms. The panel can be used with Cat 6a STP and UTP Keystone Jacks which must be ordered separately. These jacks can be easily installed and removed from the rear of the panel, facilitating quick Moves, Adds & Changes.



PART NO.	DESCRIPTION	PRICE
T61-4340	48 PORT UNLOADED KEYSTONE PATCH PANEL 1U	23.00

Lj6C ANGLED SHUTTER FOR CAT 6A KEYSTONE JACK

Lj6C Angled Shutter for use with Cat 6A STP IDC Keystone Jack T61-5470.



PART NO.	DESCRIPTION	PRICE
T61-4337	Lj6C ANGLED SHUTTER FOR CAT 6A KEYSTONE JACK	0.29

CAT 6A ANGLED EUROSTYLE SHUTTER FOR KEYSTONE JACK 50 X 25 MM

Cat 6A Angled Shutter for use with Cat 6A STP IDC Keystone Jack T61-5470.



PART NO.	DESCRIPTION	PRICE
T61-5469	CAT 6A ANGLED EUROSTYLE SHUTTER	0.29

CAT 6A STP IDC KEYSTONE JACK

This Cat 6A Shielded Keystone Jack offers independently verified Cat 6A component compliant performance and supports high speed protocols such as 10G Ethernet. The Jack is backwards compatible to all preceding cabling categories, ensuring support of all IP applications.



PART NO.	DESCRIPTION	PRICE
T61-5470	CAT 6A STP IDC KEYSTONE JACK	2.34

CAT 6A SHIELDED RJ45 THROUGH COUPLER

Cat 6A 10G RJ45 Shielded Through Coupler



PART NO.	DESCRIPTION	PRICE
T61-4354	CAT 6A SHIELDED RJ45THROUGH COUPLER	2.21

CAT 6A RJ45 MODULAR PLUG SHIELDED 3-PART (UP TO 7 MM OD) PK 50

Pack of 50 Cat 6A Shielded 3-Part RJ45 Modular Plugs (Up to 7 mm Outside diameter for use with cable up to 7 mm outside diameter).



PART NO.	DESCRIPTION	PRICE
T61-4355	CAT 6A RJ45 MODULAR PLUG SHIELDED (PK 50)	30.71

CAT 6A S/FTP LSOH GREY PATCH LEAD

High-Quality Screened Category 6A Patch Cord cable manufactured, tested and verified to ISO11801 Channel Test standard.

To maintain consistent performance, this Cat 6A patch lead also features a 'Blade' style moulded snagless strain relief boot that prevents strain on the cable termination itself ensuring flawless operation during the patch lead's service life. Supplied individually.



PART NO.	DESCRIPTION	PRICE
T61-4341	CAT 6A S/FTP LSOH GREY PATCH LEAD 0.5 M	0.90
T61-4342	CAT 6A S/FTP LSOH GREY PATCH LEAD 1.0 M	1.14
T61-4344	CAT 6A S/FTP LSOH GREY PATCH LEAD 3.0 M	2.19
T61-4343	CAT 6A S/FTP LSOH GREY PATCH LEAD 5.0 M	3.31

CAT 6A S/FTP LSOH BLACK PATCH LEAD

High-Quality Screened Category 6A Patch Cord cable manufactured, tested and verified to ISO11801 Channel Test standard.

To maintain consistent performance, this Cat 6A patch lead also features a 'Blade' style moulded snagless strain relief boot that prevents strain on the cable termination itself ensuring flawless operation during the patch lead's service life. Supplied individually.



PART NO.	DESCRIPTION	PRICE
T61-4345	CAT 6A S/FTP LSOH BLACK PATCH LEAD 0.5 M	0.90
T61-4346	CAT 6A S/FTP LSOH BLACK PATCH LEAD 1.0 M	1.14
T61-4347	CAT 6A S/FTP LSOH BLACK PATCH LEAD 3.0 M	2.19
T61-4348	CAT 6A S/FTP LSOH BLACK PATCH LEAD 5.0 M	3.31

TO SEE THE LATEST ADDITIONS TO OUR CAT6A RANGE, VISIT

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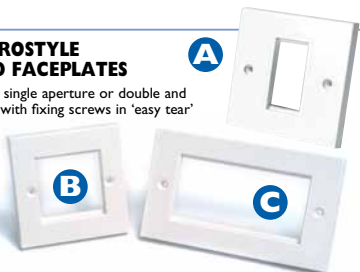
COPPER CABLING PRODUCTS

FUSION EUROSTYLE STANDARD FACEPLATES

Available 1 gang, single aperture or double and 2 gang. Supplied with fixing screws in 'easy tear' poly bags.

ABS white finish

Fusion
ALTOGETHER BETTER



PART NO.	DESCRIPTION	PRICE
T70-0019	A) 1 GANG EUROSTYLE SINGLE WHITE	0.59
T70-2177	B) 1 GANG STANDARD FACEPLATE	0.65
T70-2178	C) 2 GANG STANDARD FACEPLATE	0.93

BRUSH FACEPLATES



PART NO.	DESCRIPTION	PRICE
Q69-3883	A) SINGLE GANG BRUSH FACEPLATE	3.10
Q69-3884	B) DOUBLE GANG BRUSH FACEPLATE	4.24

FUSION BEVELLED FACEPLATES

Supplied with fixing screws in 'easy tear' poly bags and available as 1 gang (accepts up to 2 Euro Style modules) or 2 gang (accepts up to 4 Euro Style modules)

Fusion
ALTOGETHER BETTER



PART NO.	DESCRIPTION	PRICE
T70-2179	1 GANG BEVELLED FACEPLATE	0.61
T70-2180	2 GANG BEVELLED FACEPLATE	0.90

BLACK NICKEL FINISH METAL FACEPLATES



CLICK

PART NO.	DESCRIPTION	PRICE
Q69-0168	A) 1 GANG BLACK NICKEL FINISH FACEPLATE	5.13
Q69-0169	B) 2 GANG BLACK NICKEL FINISH FACEPLATE	7.73

SATIN CHROME METAL FACEPLATES



CLICK

PART NO.	DESCRIPTION	PRICE
Q69-9535	A) 1 GANG SATIN CHROME FACEPLATE	5.33
Q69-9573	B) 2 GANG SATIN CHROME FACEPLATE	8.21

CHROME FACEPLATES METAL STANDARD



CLICK

PART NO.	DESCRIPTION	PRICE
Q69-9534	A) 1 GANG CHROME FACEPLATE	4.07
Q69-9572	B) 2 GANG CHROME FACEPLATE	6.47

FUSION EUROSTYLE SATIN CHROME FINISH 'ABS' FACEPLATES

Specially designed to allow installers to meet 'DDA' legislation whereby a 30% colour contrast between faceplate and module is required. Also ideal for AV and Smart Home or Office Applications. The faceplates are manufactured from ABS so an earth bond is not required.

Fusion
ALTOGETHER BETTER



PART NO.	DESCRIPTION	PRICE
T70-0064	A) 1 GANG ABS SATIN CHROME FACEPLATE	0.55
T70-0065	B) 2 GANG ABS SATIN CHROME FACEPLATE	0.73

EUROSTYLE GRAPHITE FINISH 'ABS' FACEPLATES

Stylish Eurostyle graphite finish faceplates designed to meet DDA Part M legislation whereby a 30% contrast between faceplate and module is required.



CLICK

PART NO.	DESCRIPTION	PRICE
Q69-1135	A) 1 GANG ABS GRAPHITE FACEPLATE	0.88
Q69-1136	B) 2 GANG ABS GRAPHITE FACEPLATE	1.26

FUSION BACK BOXES

Available in 'easy tear' poly bags in 1 and 2 gangs – the boxes are available in 22, 32 and 42mm versions.



PART NO.	DESCRIPTION	PRICE
T70-0009	1 GANG BACK BOX 22MM DEPTH	0.69
T70-2165	1 GANG BACK BOX 32MM DEPTH	0.78
T70-2166	2 GANG BACK BOX 32MM DEPTH	1.26
T70-2167	1 GANG BACK BOX 42MM DEPTH	1.53
T70-2168	2 GANG BACK BOX 42MM DEPTH	2.10

FUSION SELF ADHESIVE BACK BOXES



Supplied in 1 and 2 gang versions with 32mm standard depth.

PART NO.	DESCRIPTION	PRICE
T70-2566	1 GANG BACK BOX 32MM SELF ADHESIVE	1.08
T70-2567	2 GANG BACK BOX 32MM SELF ADHESIVE	1.68

FUSION BLANKS

Available in 3 sizes to complement all Fusion modules – supplied in packets of 10.



PART NO.	DESCRIPTION	PRICE
T70-2185	A) 12.5 X 50MM BLANKS PK 10	1.99
T70-2184	B) 25 X 50MM BLANKS PK 10	1.90
Q69-9556	C) 25 X 50MM BLACK BLANK (EACH)	1.11

STAINLESS STEEL FLOOR SOCKET FRAMES

Stainless steel floor socket frame with sprung covers - the plates have 50 x 50mm aperture (1 gang) and 50 x 100mm aperture (2 gang) to accept power and data modules.



PART NO.	DESCRIPTION	PRICE
Q69-9565	1 GANG FLOOR SOCKET FRAME	12.54
Q69-9566	2 GANG FLOOR SOCKET FRAME	16.69

FLUSH MOUNTING DRY LINING BOXES

34mm and 44mm depth available.

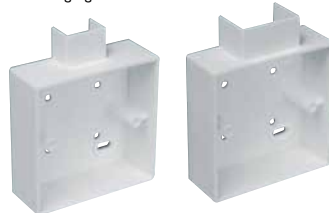
1 and 2 gang and adjustable to suit dry linings. 6-14mm adjustment.



PART NO.	DESCRIPTION	PRICE
V81-8113	1 GANG DRY LINING BOX 34MM	0.59
V81-8114	2 GANG DRY LINING BOX 34MM	1.12
V01-8745	1 GANG DRY LINING BOX 44MM	1.08
V01-8746	2 GANG DRY LINING BOX 44MM	1.68

MINI TRUNKING BACK BOXES

Designed to give a smarter finish, the new 32mm deep back boxes have been designed with integral adaptors for use with 25 x 16mm (MMT2) and 38 x 25mm (MMT4) mini trunking. Available in 1 and 2 gang.



PART NO.	DESCRIPTION	PRICE
V81-1139	MMT2 MINI TRUNK BOX 1 GANG 32MM	2.30
V81-1140	MMT2 MINI TRUNK BOX 2 GANG 32MM	4.03

COPPER CABLING PRODUCTS



Introducing Fusion 25 year unlimited product warranty

The Fusion Cabling System is backed by an altogether better 25 year warranty to show our commitment and responsibility in ensuring that all of our products perform to an exceptional standard.

The 25 year product warranty covers Cat 5e and Cat 6 copper cabling systems and gives you protection on all your Fusion structured cabling installations. It is available only to Fusion Registered Installers.

If you need to claim on the warranty, just call - and once we can confirm that the failure of a Fusion product is responsible for the problem, we will replace the product absolutely free of charge!

For more details on Fusion's 25 year Warranty or to register to become a Fusion Installer, please contact
Fusion Customer Services:

Mills Limited
Unit 2, Zodiac Business Park, High Road
Cowley, Uxbridge UB8 2GU

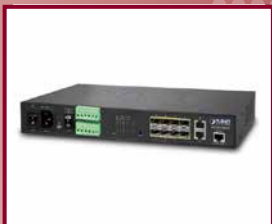
Tel: 020 8833 2626

If you would like to send us an email
you can do so on sales@millsltd.com





Voice Cabling & Active Products



Disconnection Modules & Strips

Jelly Crimps

Junction Boxes

Line Jack Units & Line Adaptors

Media Converters

Power Over Ethernet Injectors,
Splitters & Extenders

Power Over Ethernet Plus
Injectors & Splitters

Power Over Ethernet Plus Switches

Power Over Ethernet Switches

RJ11 & Telephone Plugs

Switches

Telecom Connection Boxes

Telephone & Modem Adaptors

Telephone & Modem
Extension Leads

Voice, Dropwire & Jumper Cable

Voice Modules & Patch Panels

CWI 308 VOICE CABLE

Available white and black. Different lengths available upon request.

**PART NO. DESCRIPTION**

W05-0339	2 PAIR 100M WHITE
W05-0340	3 PAIR 100M WHITE
W05-0342	4 PAIR 100M WHITE
W05-0343	4 PAIR 100M BLACK
W05-7025	6 PAIR 200M WHITE
W05-7002	6 PAIR 200M BLACK
W05-0345	20 PAIR 100M WHITE
W05-7027	20 PAIR+EARTH 100M WHITE
W05-8150	25 PAIR+EARTH 100M WHITE
W05-8153	40 PAIR EARTH 100M WHITE
W05-7028	50 PAIR+EARTH 100M WHITE
W05-7750	50 PAIR+EARTH 100M BLACK
W05-7029	100 PAIR+EARTH 100M WHITE
W05-7975	100 PAIR+EARTH 100M BLACK

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SPECIAL PRICES
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[millstd.com](http://www.millstd.com)

CWI 128 EXTERNAL VOICE CABLE

These cables conform to the appropriate BT specifications CWI 128. Plain copper conductors (0.5mm), cellular polyethylene insulated and petroleum jelly filled.

Available in black and supplied in 100M reels. 50 and 100 pair available cut to length. Please contact our sales office for pricing.



5 Pair	- Use 7.0mm clip (R02-8345)
10 Pair	- Use 9.0mm clip (R02-8349)
20 Pair	- Use 10.0mm clip (R02-8351)

PART NO. DESCRIPTION

W05-8333	5 PAIR EXTERNAL 100M BLACK
W05-8334	10 PAIR EXTERNAL 100M BLACK
W05-8335	20 PAIR EXTERNAL 100M BLACK

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SPECIAL PRICES
OR VISIT
www.millstd.com

CWI 109 JUMPER CABLE

Supplied on 500m drum yellow/blue, red/white, red/blue, black/yellow and pink/grey.

**PART NO. DESCRIPTION**

W05-7031	YELLOW/BLUE JUMPER CABLE 500M
W05-7032	RED/WHITE JUMPER CABLE 500M
W05-8154	RED/BLUE JUMPER CABLE 500M
W05-8155	BLACK/YELLOW JUMPER CABLE 500M
W05-7030	PINK/GREY JUMPER CABLE 400M

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SPECIAL PRICES
OR VISIT
millstd.com

A) DROPWIRE

Overhead telephone distribution cables available in 10B, 2 pair or 14, 4 pair versions. Both types incorporate strain wires to support the weight of the cable. The strain wires are yellow PVC insulated, brass coated, steel stranded wire.

B) B.T. DROPWIRE SHEATH STRIPPER

Sheath stripping tool for dropwire cable.

See page 243 for more information.

**PART NO. DESCRIPTION**

PART NO.	DESCRIPTION	PRICE
W05-0347	A) DROPWIRE 10B, 2 PAIR BLK 350M	POA
W05-0348	A) DROPWIRE 14, 4 PAIR BLK 350M	POA
E68-5487	B) DROPWIRE SHEATH STRIPPER	12.88

ABOVE GROUND TELECOMS CLOSURE 2/4A

The 2/4A Above Ground Closure is widely used on buildings where communication wires and drop wires have to be joined externally. Used to house the OH splice made from the drop wires entering the house demarcation point.

Gel Crimps themselves offer a degree of protection against the elements but still need to be contained and this enclosure is ideal. Designed to accommodate 8A style and other gel filled crimps.

Used to join / junction drop wires and other communications / telephone cables. Ideal for aerial and underground use, outside plant, under eaves or on poles.

Options for 1, 2 or 3 cable entry points.



- Complies with BT Specification LN684 Issue 3 2005
- IP54 rated.
- Product dimensions - 140 x 50 x 20mm approx.
- Replaces Box Connection 16A and Block Terminal 66B for housing joints in dropwire at premises

Also known as an Under Eaves Enclosure.

**PART NO. DESCRIPTION**

PART NO.	DESCRIPTION	PRICE
S83-1683	ABOVE GROUND TELECOMS CLOSURE 2/4A	5.92

TELECOM CONNECTION MODULES, STRIPS & ACCESSORIES

A) Fusion 10 Pair Disconnection Module, 237A Style



B) Fusion Designation Strip, 51A Style



C) Strip Connection 237D & 237E Protector 21A



D) Protector 21A

A 3 pole over voltage gas discharge type surge protector with integral fail safe facility and a lower spark over-voltage thereby offering a greater level of protection. Supersedes Protector 14A.



E) Wedge Locking 23A - Pkt 100

Provides a temporary disconnection on Strips Connection 237A.

Supplied in packets of 100.



F) Strip Designation 53A

A box type label holder for use with Strip Connection 237A. Supplied as a complete unit with label and label holder.



G) Protector LCU1PA



H) Earthing Bar



I) Wedge Locking 24A - Pkt 100

Prevents accidental insertion of test plugs into priority circuits on Strips Connection 237A.



J) Protector Mounting 5B

10 pair magazine for use with Strip Connection 237A. Accepts up to 10 3 pole gas discharge tubes 21A (Protector 21A).



K) Protector 18C

This is an encapsulated version of the Protector 21A. Supplied with flying leads.



L) Wedge Locking 25A

Combi type 10 pair disconnection wedge for opening contacts on Strips Connection 237A. These wedges can be daisy chained for multiple cut over on disconnection modules.



PART NO.	DESCRIPTION	PRICE
T70-2203	A) FUSION 10 PAIR DISCONNECTION MODULE	1.63
T70-2207	B) FUSION DESIGNATION STRIP	0.69
T70-0353	C) 76 WAY EARTH STRIP 237D RED	3.21
T70-0354	C) 20 WAY EARTH STRIP 237E RED	3.14
T70-0357	D) PROTECTOR 21A	1.11
T70-0360	E) WEDGE LOCK 23A	11.89
T70-0355	F) STRIP 53A	1.58
T70-0358	G) PROTECTOR LCU1PA	11.65
T70-0530	H) EARTHING BAR	2.54
T70-0361	I) WEDGE LOCK 24A	10.71
T70-0356	J) PROTECTOR 5B	6.74
T70-0359	K) PROTECTOR 18C	3.24
T70-0362	L) WEDGE LOCK 25A	0.30

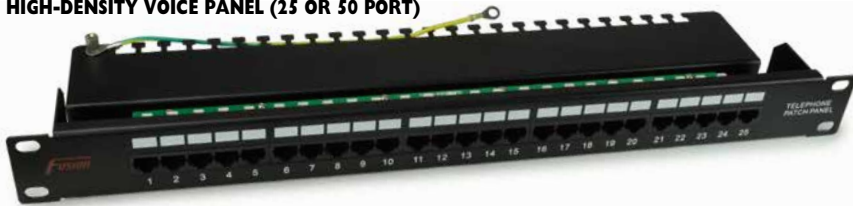
FUSION TELECOM & DATACOM CONNECTION BOXES

Available in 20, 50, 100 pair. NB: T70-2204 – 20 Pair Connection Box is supplied with 2 x 10 pair disconnection modules.

T70-0035, T70-2205 and T70-2206, all require disconnection strips (T70-2203). V01-0659 for 2 x Eurostyle Modules (Not included).



PART NO.	DESCRIPTION	PRICE
T70-0035	A) 20 PAIR C/BOX 201 (NO STRIPS SUPPLIED)	8.15
T70-2204	A) 20 PAIR C/BOX 201D (C/W 2 STRIPS)	12.71
T70-2205	B) 50 PAIR C/BOX 251A (NO STRIPS SUPPLIED)	9.93
T70-2206	C) 100 PAIR C/BOX 301A (NO STRIPS SUPPLIED)	16.68
T70-4654	D) 50 PAIR EXTERNAL C/BOX (NO STRIPS SUPPLIED)	32.61
T70-4191	E) 100 PAIR EXTERNAL C/BOX (NO STRIPS SUPPLIED)	17.47
V01-0659	F) EXTERNAL WEATHERPROOF BOX IP65	20.83

FUSION HIGH-DENSITY VOICE PANEL (25 OR 50 PORT)

- Wire Termination KRONE™ style IDC
- Cable Management: Quick-fit cable tie fixing point per port
- RJ45 sockets: 8 position, 8 contact socket Gold plated contact pins 3, 4, 5, 6 connected
- Supplied with cable ties, 4 cage nuts, fixing bolts and earthing kit

PART NO.	DESCRIPTION	PRICE
T77-0042	25 PORT HIGH-DENSITY VOICE PANEL	21.85
T77-2183	50 PORT HIGH-DENSITY VOICE PANEL	44.23

FUSION VOICE MODULES

Available in PABX Master, Full master and Secondary versions.

Manufactured in ABS white with external identification window-compatible with most faceplates.

Ideal for distributing voice over structured cabling.

Dimensions: 25 x 50mm.



PART NO.	DESCRIPTION	PRICE
T70-0051	VOICE PABX MASTER	1.93
T70-0052	VOICE FULL MASTER	1.98
T70-0054	VOICE SECONDARY	1.38

NTE 5A BOXES

A) Standard NTE 5A Box

B) Replaces the removable front plate of an NTE5-type BT Master Socket with a centralised filter/splitter unit to separate the ADSL and voice services.

C) Plug-in faceplate designed to replace the customer connection unit of standard NTE5 units.

- Provides outlets for network and telephone sockets
- Compatible with both ADSL and VDSL 2 installations
- Facilitates extension wiring via IDC (LSA) terminals



PART NO.	DESCRIPTION	PRICE
T70-4997	A) NTE 5A	3.45
T70-5486	B) NTE VDSL FILTER PLATE	9.22
T70-5977	C) NTE VDSL HIGH SPEED CENTRALISED FILTER	4.24

FUSION TELEPHONE BOXES

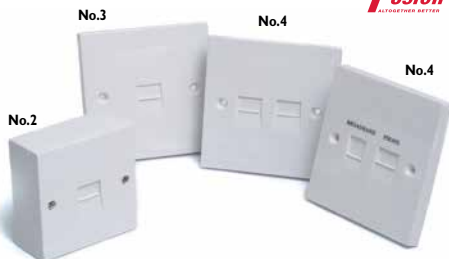
Line Jack Units available in No. 2, No. 3 or No. 4 versions.

No. 2 – Standard UK Domestic Surface Mount Box supplied with Back Box

No. 3 – Single Outlet flush mount face plate and BT Module

No. 4 – Double Outlet flush mount face plate and 2 BT Modules

No. 4 – ADSL face plate with telephone and ADSL outlets

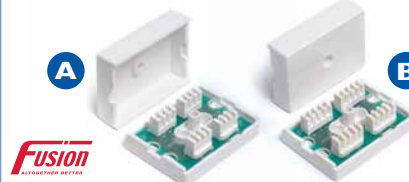


PART NO.	DESCRIPTION	PRICE
T70-2194	NO. 2 PSTN LINE JACK 2/1A	1.87
T70-2195	NO. 2 PABX LINE JACK 2/2A	1.74
T70-2196	NO. 2 SECONDARY LINE JACK 2/3A	1.45
T70-2197	NO. 3 PSTN LINE JACK 3/1A	2.48
T70-2198	NO. 3 PABX LINE JACK 3/2A	1.43
T70-2199	NO. 3 SECONDARY LINE JACK 3/3A	1.26
T70-2200	NO. 4 PSTN LINE JACK 4/1A	3.84
T70-2201	NO. 4 PABX LINE JACK 4/2A	2.59
T70-2202	NO. 4 SECONDARY LINE JACK 4/3A	2.22
T70-2529	NO. 4 ADSL LINE JACK	3.91

FUSION 77A AND 78A JUNCTION BOXES

A) 77A – 3 pair IDC to 3 pair terminal block 56 x 41 x 23mm

B) 78A – 4 pair IDC to 4 pair terminal block 56 x 41 x 23mm



PART NO.	DESCRIPTION	PRICE
T70-2208	(A) CONNECTION BOX 77A	1.06
T70-2214	(B) CONNECTION BOX 78A	1.04

FUSION BACK BOXES

A wide range of depths available. Supplied in ABS with white finish in 'easy tear' poly bags. Range includes single and double gang options with knock-outs for trunking.



PART NO.	DESCRIPTION	PRICE
T70-0009	1 GANG 22MM BACK BOX	0.69
T70-2165	1 GANG 32MM BACK BOX	0.78
T70-2166	2 GANG 32MM BACK BOX	1.26
T70-2167	1 GANG 42MM BACK BOX	1.53
T70-2168	2 GANG 42MM BACK BOX	2.10

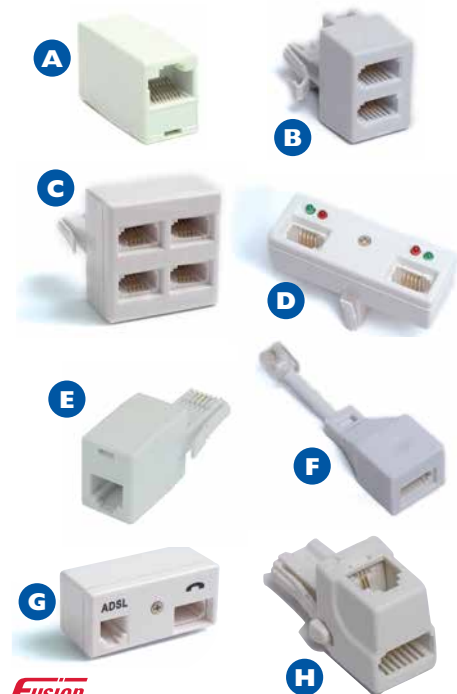
FUSION 150MM TAILED LINE ADAPTORS

- (A) Secondary – Connects in parallel with PSTN or PABX Master
- (B) PABX – For use on Extension Circuits
- (C) PSTN – For use on Incoming Lines



PART NO.	DESCRIPTION	PRICE
T70-2210	(A) SECONDARY TAILED LAU	1.01
T70-2211	(B) PABX TAILED MASTER LAU	1.30
T70-2212	(C) PSTN MASTER TAILED LAU	1.41

FUSION TELEPHONE AND MODEM ADAPTORS



PART NO.	DESCRIPTION	PRICE
T70-2518	(A) RJ45 ADAPTOR CAT 5E	1.82
T70-2610	(B) BT DOUBLER	0.98
T70-2527	(C) BT QUADRUPLER	1.98
T70-2611	(D) PRIORITY ADAPTOR	3.20
T70-6976	(E) RJ11 FEMALE TO B.T. PLUG MALE	0.74
T70-2519	(F) BT FEMALE TO RJ11 MALE	0.79
T70-2531	(G) ADSL ANTI SURGE FILTER	1.98
T70-2528	(H) BT MALE TO BT/RJ11 FEMALE	0.72

IDC PUNCH DOWN TOOLS

SEE PAGES 364 TO 365



COPPER TEST EQUIPMENT

SEE PAGES 448 - 458



COPPER CABLING PRODUCTS

RJ45 MODULAR PLUGS

8 position 8 contact (8P8C) RJ45 plugs suitable for making Cat 5e or Cat 6 patch leads.



PART NO.	DESCRIPTION	PRICE
T70-2192	FUSION CAT 5E RJ45 MODULAR PLUG PKT 10	0.89
T70-2513	FUSION CAT 5E RJ45 MODULAR PLUG PKT 100	7.14
T70-0061	FUSION CAT 6 RJ45 MODULAR PLUG PKT 10	1.49
T70-0062	FUSION CAT 6 RJ45 MODULAR PLUG PKT 100	9.51

431A TELEPHONE PLUGS

4 contact telephone plugs designed for use with BT flat cord type CW1311. Supplied in packs of ten.

For suitable crimp tool please use E72-1018.



PART NO.	DESCRIPTION	PRICE
T70-2608	431A TELEPHONE PLUG (PK 10)	1.72

TELEPHONE EXTENSION LEADS

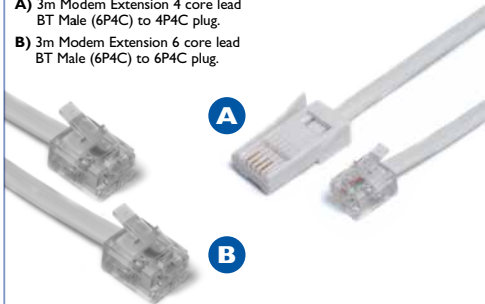
White extension leads for extending phone, fax or modem lines.



PART NO.	DESCRIPTION	PRICE
T70-2510	3M TELEPHONE EXT LEAD 4 WAY	1.08
T70-2511	5M TELEPHONE EXT LEAD 4 WAY	1.47
T70-2512	10M TELEPHONE EXT LEAD 4 WAY	2.30
T70-2329	5M TELEPHONE EXT LEAD 6 WAY	2.36

MODEM EXTENSION LEADS

- A)** 3m Modem Extension 4 core lead
BT Male (6P4C) to 4P4C plug.
- B)** 3m Modem Extension 6 core lead
BT Male (6P4C) to 6P4C plug.



PART NO.	DESCRIPTION	PRICE
T70-2522	A) BT MALE (6P4C) TO RJ11 MALE (4P4C) 3 METRE	1.30
T70-2523	B) RJ11 MALE (6P4C) TO RJ11 MALE (6P4C) 3 METRE	0.88

6 POSITION MODULAR PLUGS

Available in 6P4C (six position, four contact) & 6P6C (six position, six contact) these modular plugs are commonly used to make leads for connecting to RJ11 interfaces.



PART NO.	DESCRIPTION	PRICE
T70-0366	6 POSITION 4 CONTACT MODULAR PLUG PKT 10	0.71
T70-0367	6 POSITION 6 CONTACT MODULAR PLUG PKT 10	0.69

SCOTCHLOK™ STYLE (JELLY FILLED) PKT 500

PART NO.	DESCRIPTION	PRICE
S00-3544	JELLY CONNECTORS (PKT 500)	16.82

MILLS SCOTCHLOK CRIMP PLIER

Designed specifically for crimping Scotch Lok® terminals, also known as jelly crimps and is used in the telecommunications industry.

Manufactured from chrome vanadium steel, oil hardened and tempered with smoothly ground jaws.

This Scotchlock jelly crimper has plastic coated handles and cutter for preparations of the conductors prior to crimping.

Length 145mm.



PART NO.	DESCRIPTION	PRICE
E65-5463	SCOTCHLOK™ CRIMP TOOL	7.16

BT MODULAR CRIMP TOOL

Crimp Tool for BT631A & BT431A Telephone Plugs and RJ11/RJ12 Modular Plugs.

The tool frame is made from hardened steel and fitted with precision dies for BT Telephone plugs and RJ11/RJ12 modular plugs.

The tool has a spring-loaded crimp mechanism and is fitted with blades for cable cutting and stripping flat multi-conductor cables.



PART NO.	DESCRIPTION	PRICE
E72-1018	BT MODULAR PLUG CRIMP TOOL	18.54

NETGEAR PROSAFE™ UNMANAGED DESKTOP SWITCHES

The NETGEAR 200 and 300 Series Unmanaged Switches provide easy and affordable network connectivity to home and small offices. They are easy to use and reliable. With these Plug-N-Play switches, you can expand your network connections to multiple devices instantly.

A GS205



NETGEAR

B GS208



C GS308



PART NO. DESCRIPTION

C04-4722	A) 5 PORT GIGABIT GS205 SWITCH
C04-4723	B) 8 PORT GIGABIT GS208 SWITCH
C04-4724	C) 8 PORT GIGABIT GS308 SWITCH

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NETGEAR PROSAFE™ UNMANAGED PLUS POWER OVER ETHERNET (POE) GIGABIT SWITCHES

NETGEAR ProSAFE® Plus Switches meet this growing need by providing fundamental network features that will help optimise the performance of business networks.

On top of the plug-n-play Gigabit Ethernet connectivity, these switches also offer essential networking features such as VLAN, QoS, IGMP Snooping, Link Aggregation (LAG), rate limiting and traffic monitoring.

NETGEAR ProSAFE® Plus Switches are an exceptional value for businesses looking to add intelligence to their network beyond what unmanaged switches can provide.

- Data switching & Power-over-Ethernet (PoE) in one unit
- 5 and 16 data switching ports, providing PoE on 2 and 8 ports respectively
- Reduces cables & eliminates need for dedicated electrical outlets
- AutoUplink™ auto detects speed, duplex & cable type
- Automatically detects PoE devices & supplies power as needed
- Quality of Service (QoS) for traffic prioritisation
- C04-4725 includes rackmount brackets

A GS105PE



NETGEAR

Datasheet available online

B JGS516PE



PART NO. DESCRIPTION

C04-4725	A) 5 PORT GIGABIT (2 X POE) DESKTOP SWITCH
C04-4726	B) 16 PORT GIGABIT (8 X POE) RACK SWITCH

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NETGEAR PROSAFE™ SMART MANAGED SWITCHES

NETGEAR

The ProSafe™ Smart Switches from Netgear are entry level managed switches offering key management features, enabling businesses to cost effectively extend a fully managed network or add management and control to an existing unmanaged network.

- Gigabit Speed with non-blocking architecture supporting 100% Gigabit throughput
- Auto Voice VLAN for fast and reliable deployment of VoIP
- Auto Video VLAN, following the same concept of Auto Voice, help speed up your deployment of IP-based surveillance system
- Static routing, helps to route internal traffic for more efficient use of network resources
- IGMP and MLD snooping, providing advanced multicast filtering

A GS724T



B GS478T



Datasheet available online

PART NO. DESCRIPTION

C04-3831	A) 24 PORT 10/100+2 GIGABIT SWITCH
C04-3832	B) 48 PORT 10/100+2 GIGABIT SWITCH

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SPECIAL PRICES
OR VISIT
millsltd.com

NETGEAR PROSAFE™ UNMANAGED GIGABIT SWITCHES

NETGEAR

These unmanaged Gigabit Ethernet Switches are equipped with 10/100/1000 Mbps ports giving a small or growing business network the capacity to handle huge workloads. Desktop versions are available in 5, 8 & 16 port versions, while rackmount units are available in 16 and 24 port options.

- Gigabit speeds meet performance needs of bandwidth hungry applications
- Automatic speed and full/half-duplex sensing on every port
- Auto-sensing on each port detects at the best network speed (10, 100 or 1000)
- Auto Uplink™ technology auto adjusts for different types of Ethernet cable

Datasheet available online

A GS105



B GS108



C GS116



D JGS5516



E JGS524



PART NO. DESCRIPTION

C04-9896	A) 5 PORT DESKTOP ETHERNET SWITCH
C04-9897	B) 8 PORT DESKTOP ETHERNET SWITCH
C04-9898	C) 16 PORT DESKTOP ETHERNET SWITCH
C04-9899	D) 16 PORT RACKMOUNT ETHERNET SWITCH
C04-9900	E) 24 PORT RACKMOUNT ETHERNET SWITCH

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PLANET FAST ETHERNET DESKTOP SWITCHES

The FSD-503 and 803 Fast Ethernet Switches from Planet are simple and cost-effective, highly reliable network switches. They are the ideal devices for bridging Ethernet to Fast Ethernet workgroups or networks.

- 1/2k MAC address table
- Store and Forward switch architecture
- Flow control to eliminate packet loss
- MAC address learning and ageing
- Auto MDI/MDIX on each port



PART NO.	DESCRIPTION
C04-1259	A) 5 PORT FAST ETHERNET SWITCH
C04-1260	B) 8 PORT FAST ETHERNET SWITCH

RING SALES FOR **SPECIAL PRICES** OR VISIT milstd.com

PLANET GIGABIT ETHERNET DESKTOP SWITCHES

Providing 10Gbps non-blocking switch fabric as well as 8K MAC Address table, the GSD-503 and 803 support 802.3x full duplex flow control and also offer wire-speed packet transfer performance without risk of packet loss.

- 4k MAC address table
- 9KB Jumbo frame
- Store and Forward switch architecture
- Flow control to eliminate packet loss
- MAC address learning and ageing
- Auto MDI/MDIX on each port
- Green Networking technology for energy saving



PART NO.	DESCRIPTION
C04-1265	A) 5 PORT GIGABIT ETHERNET SWITCH
C04-1266	B) 8 PORT GIGABIT ETHERNET SWITCH

RING SALES FOR **SPECIAL PRICES** OR VISIT milstd.com

PLANET FAST ETHERNET & GIGABIT RACKMOUNT SWITCHES

Unmanaged Layer 2 switches from Planet with 16 or 24 10/100Mbps ports, and also 16 & 24 gigabit ports.

- 8k MAC address table
- Store and forward switch architecture
- Flow control to eliminate packet loss
- MAC address learning and ageing
- Auto MDI/MDIX on all ports



PART NO.	DESCRIPTION
C04-1261	A) 16 PORT 10/100MBPS SWITCH
C04-1262	B) 24 PORT 10/100MBPS SWITCH
C04-3950	C) 16 PORT GIGABIT SWITCH
C04-3951	D) 24 PORT GIGABIT SWITCH

RING SALES FOR **SPECIAL PRICES** OR VISIT milstd.com

PLANET MANAGED 8 PORT GIGABIT ETHERNET + 2 PORT 1000X SFP DESKTOP SWITCH

Provides 8-port 10/100/1000Base-T copper and 2 extra 100/1000Base-X SFP fibre optic interfaces with dual power system.

- 8 x 10/100/1000Mbps Gigabit Ethernet ports with auto-MDI/MDI-X supported
- 1 x port (Port 8) supports 802.3af/at PoE 48-56V DC in-line power
- 2 x 100/1000Base-X mini-GBIC/SFP slots



PART NO.	DESCRIPTION
C04-4772	8 PORT ETHERNET + 2 PORT SFP DESKTOP

RING SALES FOR **SPECIAL PRICES** OR VISIT milstd.com

PLANET MANAGED 2 LAYER GIGABIT RACKMOUNT SWITCHES

(A) 16-port, (B) 24-port, (C) 48-port 10/100/1000BASE-T RJ45 copper (A) & (B) 2 x (C) 4 x 100/1000BASE-X mini-GBIC/SFP slots IPv6 / IPv4 management Layer 2 to Layer 4 security



PART NO.	DESCRIPTION
C04-4773	A) 16 PORT 2 LAYER GIGABIT SFP SWITCH
C04-4774	B) 24 PORT 2 LAYER GIGABIT SFP SWITCH
C04-4775	C) 48 PORT 2 LAYER GIGABIT SFP SWITCH

RING SALES FOR **SPECIAL PRICES** OR VISIT milstd.com

PLANET 1000BASE-X SFP MANAGED FIBRE ETHERNET SWITCHES

- A) 8 x 100/1000Base-X SFP mini-GBIC slots 2-Port 10/100/1000Base-T Gigabit Ethernet RJ-45
- B) 16 x 100/1000Base-X SFP mini-GBIC slots 8-Port 10/100/1000Base-T Gigabit Ethernet RJ-45
- C) 24x 100/1000Base-X SFP mini-GBIC slots 2-Port 10/100/1000Base-T Gigabit Ethernet RJ-45



PART NO.	DESCRIPTION
C04-4776	A) 8 PORT 1000BASE-X SFP FIBRE SWITCH
C04-4777	B) 16 PORT 1000BASE-X SFP FIBRE SWITCH
C04-4778	C) 24 PORT 1000BASE-X SFP FIBRE SWITCH

RING SALES FOR **SPECIAL PRICES** OR VISIT milstd.com

COPPER CABLING PRODUCTS



PLANET FAST ETHERNET BRIDGE MEDIA CONVERTERS

The Planet FT-801 and 802 are fast Ethernet bridge 100Base-FX to 10/100baseTX shielded twisted pair converters.

- 10/100BaseTX to 100BaseFX
- Autonegotiation of full/half duplex
- DIP switch mode select
- LED indicators
- Link Fault Pass Through (LLCF/LLR)



PART NO.	DESCRIPTION
C04-1257	10/100BASETX TO 100BASEFX ST
C04-1258	10/100BASETX TO 100BASEFX SC

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PLANET MEDIA CONVERTER CHASSIS

The PLANET media chassis allows up to 7 or 15 fast Ethernet or Gigabit media converters to be housed in one unit. Cooling fans are built with cooling status indicated via LEDs.

- 7 and 15 slot versions
- Independent power supply to each slot
- Fan cooled
- Supports multiple converter types



PART NO.	DESCRIPTION
C04-1267	MEDIA CONVERTER CHASSIS 7 SLOT
C04-1268	MEDIA CONVERTER CHASSIS 15 SLOT

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PLANET POWER OVER ETHERNET INJECTOR/SPLITTERS

With Planet IEEE 802.3af Power over Ethernet devices, only a single Ethernet cable has to be installed to carry both power and data to remote devices, such as wireless LAN access points, IP phones or IP cameras.

A) The POE-151 injects 48V into the ethernet cable. Max distance between the injector and splitter is 100m with a 100Mbps data rate.

B) The POE-152 injects 48V into the ethernet cable. Max distance between the injector and splitter is 100m with a 100Mbps data rate.



PART NO.	DESCRIPTION
C04-1270	A) POE-151 POE INJECTOR (MID-SPAN)
C04-4781	B) POE-152 POE INJECTOR (END-SPAN)

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PLANET GIGABIT MEDIA CONVERTER

The PLANET Gigabit media converters support conversion between 10/100/1000Base-T and 1000Base-LX/SX networks. The GT-802 series offers single-mode and multi-mode versions.



Connector	C04-1263	C04-1264	C04-4882	C04-4883
Mode	SC	SC	LC	LC
Distance	MM	SM	SM/MM	SM/MM
Wavelength	220 - 550m	10km	Varies - See Specs	Varies - See Specs
	850nm	1310nm	Varies - See Specs	Varies - See Specs



PART NO.	DESCRIPTION
C04-1263	10/100/1000BASE-T TO 1000BASE-SX MM
C04-1264	10/100/1000BASE-T TO 1000BASE-LX SM
C04-4882	10/100/1000BASE-T TO SFP
C04-4883	10/100/1000BASE-T TO 2 x SFP

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PLANET SFP PORT MINI GBIC MODULES

The MGB family SFP Mini-GBIC Gigabit Ethernet modules can be installed into PLANET Switch products with SFP Mini-GBIC interfaces Using these modules to convert to fibre, the distance can be extended from 100 meters (TP) to 550m (SX), 2km (SX2) or 10km (LX). An RJ45 1000BASE-T copper module is also available.



PART NO.	DESCRIPTION
C04-1277	SFP PORT 1000BASE-LX (SM, LC)
C04-1278	SFP PORT 1000BASE-SX (MM, LC)
C04-4779	SFP PORT 1000BASE-SX2 (MM, LC) (2KM)
C04-4780	SFP PORT 1000BASE-T (RJ45)

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PLANET DESKTOP 10/100/GIGABIT POWER OVER ETHERNET DESKTOP SWITCHES

A) Fast ethernet switch with 4 x 60-watt 802.3at/af POE 100Mbps ports + 1-uplink port.



B) 4-Port 10/100/1000T 802.3at PoE + 2-Port 10/100/1000T Desktop Switch (External 55 Watts).



C) 8-Port Gigabit Ethernet PoE PD Switch. 1-Port supports 802.3af / at PoE DC 48-56V in-line power at Port 8.

PART NO.	DESCRIPTION
C04-4783	A) 4 PORT POE + 1 PORT UPLINK SWITCH
C04-4794	B) 4 PORT POE + 2 PORT UPLINK SWITCH
C04-4795	C) 8 PORT GIG (PD POWERED)

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PLANET POE ETHERNET SWITCHES WITH POE MONITOR



Offers a cost-effective integration solution for Secure IP Surveillance Infrastructure. An ideal Plug and Watch 54V Power over Ethernet solution which provides quick installation, real-time PoE work status monitoring and immediate troubleshooting through its unique LCD display to improve work efficiency and quality without any PC or software required.

A) 8-Port 10/100TX 802.3at PoE + 2-Port Gigabit TP/SFP Combo Desktop Switch with LCD PoE Monitor (120 Watts).



B) 16-Port 10/100TX 802.3at PoE + 2-Port Gigabit TP/SFP Combo Ethernet Switch with LCD PoE Monitor (300W).



C) 24-Port 10/100TX 802.3at PoE + 2-Port Gigabit TP/SFP Combo Ethernet Switch with LCD PoE Monitor (300W).



PART NO.	DESCRIPTION	RING SALES FOR SPECIAL PRICES OR VISIT millsitd.com
C04-4784	A) 8 PORT POE + 2 PORT TP/SFP SWITCH	
C04-4785	B) 16 PORT POE + 2-PORT GIGABIT TP/SFP	
C04-4786	C) 24 PORT POE + 2-PORT GIGABIT TP/SFP	

POWER OVER ETHERNET EXTENDERS & TESTER



A) Extends both the reach of Ethernet Data and IEEE 802.3af Power over Ethernet over the standard 100m (328 ft.) CAT5e/6 UTP cable to 200m, 300m or longer distance.

B) Extends both the reach of Gigabit Ethernet Data and IEEE 802.3at / 802.3af Power over Ethernet over the standard 100m (328 ft.) CAT. 5/5e/6 UTP cable to 200m, 300m, 400m and maximum 500m.

C) Easy-to-use PoE diagnostic adapter for network installers, company MIS and even home users to quickly identify the existence of Power over Ethernet on applications network. It is designed to detect if the IEEE 802.3af/at PoE voltage runs over the UTP cable and identify the type of PSE (Power Source Equipment) for troubleshooting.



PDF Datasheet available online

PART NO.	DESCRIPTION	RING SALES FOR SPECIAL PRICES OR VISIT millsitd.com
C04-1269	A) 802.3AF POE EXTENDER	
C04-4797	B) 802.3AT POE GIGABIT EXTENDER	
C04-4798	C) 802.3AF/AT POE TESTER	

GIGABIT POWER OVER ETHERNET PLUS INJECTOR HUBS



A) IEEE 802.3at 30W 4-Port Gigabit High Power PoE injector Hub inserts 56V DC and transfers data and power simultaneously up to 100m.

B) IEEE 802.3at 30W 12-Port Gigabit High Power PoE injector Hub inserts 56V DC and transfers data and power simultaneously up to 100m.

C) IEEE 802.3at 30W 24-Port Gigabit High Power PoE injector Hub inserts 56V DC and transfers data and power simultaneously up to 100m.



PART NO.	DESCRIPTION	RING SALES FOR SPECIAL PRICES OR VISIT millsitd.com
C04-3959	A) 4-PORT HIGH POWER POE INJECTOR HUB	
C04-3960	B) 12-PORT HIGH POWER POE INJECTOR HUB	
C04-3962	C) 24-PORT HIGH POWER POE INJECTOR HUB	

GIGABIT POE INJECTOR/SPLITTERS 30/60W



A) 802.3at Gigabit High Power over Ethernet Injector (Mid-span).

B) Single-Port 10/100/1000Mbps Ultra PoE Injector (60 Watts). 802.3at/af PoE standard compliant. Supports 56VDC, 60-watt PoE power output at maximum.

C) Single-Port 10/100/1000Mbps Ultra PoE Splitter (12V/19V/24V). 02.3at/af PoE standard compliant. Splits the 56V DC power over RJ-45 Ethernet cable into DC 12V/19V/24V output.

D) Single Port 60-Watt Ultra Power over Ethernet Injector.



PDF Datasheet available online

PART NO.	DESCRIPTION	RING SALES FOR SPECIAL PRICES OR VISIT millsitd.com
C04-4799	A) 802.3AT GIGABIT 30W POE INJECTOR	
C04-4800	B) SINGLE-PORT GIGABIT 60W POE INJECTOR	
C04-4801	C) SINGLE-PORT GIGABIT 60W POE SPLITTER	
C04-4802	D) 60W GIGABIT POE INJECTOR	

COPPER CABLING PRODUCTS



Cable Management



Back Boxes

Cable Sleeving & Protector

Data Distribution Boxes

Electrical Cable & Sockets

Flexible Conduit

Floor Boxes & Grommets

Galvanised Conduit

Galvanised Trunking
& Cable Tray

Intumescent Fire Products

Power Poles

PVC, Mini, Dado
and Bench Trunking

Rigid PVC Conduit

Steel Wire Cable Basket







STANDARD PVC MINI TRUNKING AND ACCESSORIES

Our extensive range of industrial standard high impact mini trunking available in standard fix or self-adhesive versions.

For your convenience popular sizes are available in 2m lengths for ease of transportation and storage.



For ease of ordering, products & accessories are colour coded according to size:

	16 x 16MM
	25 x 16MM
	38 x 25MM
	38 x 25MM
	38 x 38MM
	50 x 25MM



STANDARD FIX MINI TRUNKING 3 METRE LENGTHS - SIZE (WIDTH X HEIGHT)

PART NO.	DESCRIPTION	PRICE
V81-8011	16 X 16MM STANDARD FIX 3M MMT1	2.09
V81-8012	25 X 16MM STANDARD FIX 3M MMT2	1.73
V81-8013	38 X 16MM STANDARD FIX 3M MMT3	2.27
V81-8014	38 X 25MM STANDARD FIX 3M MMT4	3.08
V81-0391	38 X 38MM STANDARD FIX 3M MMT6	9.17
V81-8015	50 X 25MM STANDARD FIX 3M MMT5	10.61

STANDARD FIX MINI TRUNKING 2 METRE LENGTHS - SIZE (WIDTH X HEIGHT)

PART NO.	DESCRIPTION	PRICE
V81-8005	16 X 16MM STANDARD FIX 2M	0.94
V81-8006	25 X 16MM STANDARD FIX 2M	1.27
V81-8007	38 X 25MM STANDARD FIX 2M	2.20
V81-0392	38 X 38MM STANDARD FIX 2M	6.10

SELF ADHESIVE MINI TRUNKING



2 METRE LENGTHS - SIZE (WIDTH X HEIGHT)

PART NO.	DESCRIPTION	PRICE
V81-8008	16 X 16MM SELF-ADHESIVE 2M	2.48
V81-8009	25 X 16MM SELF-ADHESIVE 2M	2.90
V81-8010	38 X 25MM SELF-ADHESIVE 2M	3.12

3 METRE LENGTHS - SIZE (WIDTH X HEIGHT)

PART NO.	DESCRIPTION	PRICE
V81-8016	16 X 16MM SELF-ADHESIVE 3M MMT1SF	4.68
V81-8017	25 X 16MM SELF-ADHESIVE 3M MMT2SF	3.77
V81-8018	38 X 16MM SELF-ADHESIVE 3M MMT3SF	3.90
V81-8019	38 X 25MM SELF-ADHESIVE 3M MMT4SF	3.78

MINI TRUNKING COUPLERS

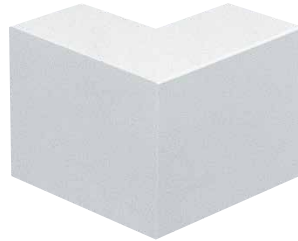
PART NO.	DESCRIPTION	PRICE
V81-8020	16 X 16MM COUPLING	0.44
V81-8021	25 X 16MM COUPLING	0.44
V81-8022	38 X 16MM COUPLING	0.44
V81-8023	38 X 25MM COUPLING	0.84
V81-0395	38 X 38MM COUPLING	1.31
V81-8024	50 X 25MM COUPLING	1.46

MINI TRUNKING STOP ENDS

PART NO.	DESCRIPTION	PRICE
V81-8025	16 X 16MM STOP END	0.44
V81-8026	25 X 16MM STOP END	0.44
V81-8027	38 X 16MM STOP END	0.44
V81-8028	38 X 25MM STOP END	0.95
V81-0396	38 X 38MM STOP END	0.63
V81-8029	50 X 25MM STOP END	1.48

MINI TRUNKING FLAT ANGLES

PART NO.	DESCRIPTION	PRICE
V81-8030	16 X 16MM ANGLE	0.42
V81-8031	25 X 16MM ANGLE	0.50
V81-8032	38 X 16MM ANGLE	0.44
V81-8033	38 X 25MM ANGLE	0.98
V81-0397	38 X 38MM ANGLE	1.31
V81-8034	50 X 25MM ANGLE	1.82

MINI TRUNKING EXTERNAL ANGLES

PART NO.	DESCRIPTION	PRICE
V81-8035	16 X 16MM EXT.ANGLE	0.44
V81-8036	25 X 16MM EXT.ANGLE	0.48
V81-8037	38 X 16MM EXT.ANGLE	0.45
V81-8038	38 X 25MM EXT.ANGLE	0.99
V81-0398	38 X 38MM EXT.ANGLE	1.31
V81-8039	50 X 25MM EXT.ANGLE	1.47

MINI TRUNKING INTERNAL ANGLES

PART NO.	DESCRIPTION	PRICE
V81-8040	16 X 16MM INT.ANGLE	0.43
V81-8041	25 X 16MM INT.ANGLE	0.49
V81-8042	38 X 16MM INT.ANGLE	0.80
V81-8043	38 X 25MM INT.ANGLE	0.97
V81-0399	38 X 38MM INT.ANGLE	1.31
V81-8044	50 X 25MM INT.ANGLE	1.47

MINI TRUNKING EQUAL TEES

PART NO.	DESCRIPTION	PRICE
V81-8045	16 X 16MM TEE	1.43
V81-8046	25 X 16MM TEE	1.05
V81-8047	38 X 16MM TEE	0.72
V81-8048	38 X 25MM TEE	0.92
V81-0400	38 X 38MM TEE	1.28
V81-8049	50 X 25MM TEE	1.48

MAXI TRUNKING

Our range of super high impact trunking manufactured to BS 4678 Part 4 is supplied in 3m lengths and covers sizes from 50 x 50mm to 100mm x 100mm.

The 50 x 100mm can also be used as dado/perimeter trunking.

For ease of ordering, products & accessories are colour coded according to size

- 50 X 50MM**
- 50 X 75MM**
- 50 X 100MM**
- 75 X 75MM**
- 100 X 100MM**



PART NO.	DESCRIPTION	PRICE
V81-8055	50 X 50MM TRUNKING 3M	22.01
V81-8056	50 X 75MM TRUNKING 3M	20.03
V81-8057	50 X 100MM TRUNKING 3M	29.12
V81-8058	75 X 75MM TRUNKING 3M	34.82
V81-8059	100 X 100MM TRUNKING 3M	40.63

INTERNAL ANGLES CLIP-ON

PART NO.	DESCRIPTION	PRICE
V81-8060	50 X 50MM	3.12
V81-8062	50 X 100MM	7.23

INTERNAL ANGLES MOULDED

PART NO.	DESCRIPTION	PRICE
V81-8410	50 X 50MM	3.59

INTERNAL ANGLES FABRICATED

PART NO.	DESCRIPTION	PRICE
V81-8061	50 X 75MM	11.18
V81-8413	50 X 100MM	14.46
V81-8063	75 X 75MM	14.45
V81-8064	100 X 100MM	23.20

EXTERNAL ANGLES CLIP-ON

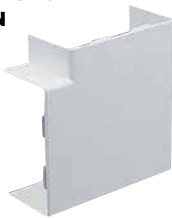
PART NO.	DESCRIPTION	PRICE
V81-8065	50 X 50MM	5.11
V81-8067	50 X 100MM	7.23

EXTERNAL ANGLES MOULDED

PART NO.	DESCRIPTION	PRICE
V81-8411	50 X 50MM	3.59

EXTERNAL ANGLES FABRICATED

PART NO.	DESCRIPTION	PRICE
V81-8066	50 X 75MM	11.17
V81-8068	75 X 75MM	13.00
V81-8069	100 X 100MM	24.31

**FLAT ANGLES
CLIP-ON**

PART NO.	DESCRIPTION	PRICE
V81-8075	50 X 50MM	3.02
V81-8077	50 X 100MM	7.42

**FLAT ANGLES
MOULDED**

PART NO.	DESCRIPTION	PRICE
V81-8412	50 X 50MM	3.59
V81-8076	50 X 75MM	5.11
V81-8078	75 X 75MM	5.89

**FLAT ANGLES
FABRICATED**

PART NO.	DESCRIPTION	PRICE
V81-8397	50 X 75MM	8.48
V81-8415	50 X 100MM	14.60
V81-8398	75 X 75MM	10.01
V81-8079	100 X 100MM	21.39

FLAT TEES

All Flat Tees are fabricated



PART NO.	DESCRIPTION	PRICE
V81-8084	50 X 50MM	4.93
V81-8085	50 X 75MM	8.55
V81-8086	50 X 100MM	19.04
V81-8087	75 X 75MM	8.86
V81-8088	100 X 100MM	24.75

**MAXI
COUPLERS**

PART NO.	DESCRIPTION	PRICE
V81-8070	50 X 50MM	1.88
V81-8071	50 X 75MM	3.52
V81-8072	50 X 100MM	4.88
V81-8073	75 X 75MM	6.12
V81-8074	100 X 100MM	6.93

END CAPS

PART NO.	DESCRIPTION	PRICE
V81-8118	50 X 50MM	0.73
V81-8119	50 X 75MM	1.11
V81-8117	50 X 100MM	1.90
V81-8120	75 X 75MM	1.39
V81-8121	100 X 100MM	3.00

DIVIDING FILLET

Supplied in 3m lengths



PART NO.	DESCRIPTION	PRICE
V81-8399	50MM X 3M	7.21
V81-8400	75MM X 3M	8.98
V81-8401	100MM X 3M	12.14

CABLE RETAINER

PART NO.	DESCRIPTION	PRICE
V81-8402	50MM PKT 10	3.09
V81-8403	75MM PKT 10	3.78
V81-8404	100MM PKT 10	3.90

FRAMES

PART NO.	DESCRIPTION	PRICE
V81-8405	SINGLE	1.08
V81-8406	DOUBLE	2.02

BOX LID SPACER

PART NO.	DESCRIPTION	PRICE
V81-8409	SPACER (EACH)	2.68

MINI TRUNKING ADAPTOR

PART NO.	DESCRIPTION	PRICE
V81-8407	MMT 2	2.13
V81-8408	MMT 4	2.56

BACK BOXES (30MM DEEP)

PART NO.	DESCRIPTION	PRICE
V81-8082	BACK SINGLE	2.49
V81-8081	BACK DOUBLE	3.94

DADO TRUNKING - 3 COMPARTMENT TRUNKING 140 X 50MM WITH 1 LID

A stylish low cost range of 140 x 50mm 3 compartment trunking with chamfered profile (top and bottom).

Supplied in 3m lengths.

- Low cost, stylish and compact
- All combined under one lid
- Full range of "clip on" angles and accessories
- Compatible with all Marshall Tufflex standard range of switch and socket boxes
- 3m lengths



PART NO.	DESCRIPTION	PRICE
V81-8100	3 COMPARTMENT TRUNKING 140 X 50MM	59.76

TRUNKING CLEANER SOLVENT FREE

A solvent-free cream for the regular cleaning of PVCu trunking.

Both supplied in 1 litre bottles



PART NO.	DESCRIPTION	PRICE
R90-7890	TRUNKING CLEANER SOLVENT FREE	4.82

END CAP



PART NO.	DESCRIPTION	PRICE
V81-8104	END CAP	2.74

EXTERNAL ANGLE



PART NO.	DESCRIPTION	PRICE
V81-8101	EXTERNAL ANGLE	7.14

JOINT COVER



PART NO.	DESCRIPTION	PRICE
V81-8105	JOINT COVER	4.03

INTERNAL ANGLE



PART NO.	DESCRIPTION	PRICE
V81-8102	INTERNAL ANGLE	5.64

SOCKET MOUNTING BOXES

Dimensions: 30mm Deep -
Available 1 and 2 Gang



PART NO.	DESCRIPTION	PRICE
V81-8106	1 GANG BOX 30MM	2.38
V81-8107	2 GANG BOX 30MM	2.85

FLAT TEE



PART NO.	DESCRIPTION	PRICE
V81-8103	FLAT TEE	63.10

FLAT ANGLE



PART NO.	DESCRIPTION	PRICE
V81-8108	FLAT ANGLE	48.07

SUPER HIGH IMPACT ROUND RIGID PVC CONDUITS

Available in 20mm and 25mm diameters – Black and White. Supplied in 3 metre lengths



PART NO.	DESCRIPTION	PRICE
V01-7011	20MM WHITE CONDUIT 3M	1.28
V01-7012	25MM WHITE CONDUIT 3M	1.91
V01-1153	20MM BLACK CONDUIT 3M	1.27
V01-1154	25MM BLACK CONDUIT 3M	1.91

HEAVY DUTY DUCT AND FLEXIBLE CONDUIT CUTTER

Capacity 42mm



PART NO.	DESCRIPTION	PRICE
N14-3500	DUCT CUTTER 42MM	9.76

A TERMINAL BOX



B ANGLE BOX



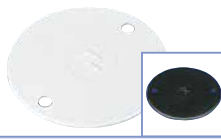
C THROUGH BOX



D TEE BOX 3 WAY



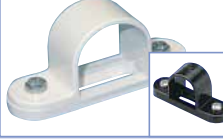
E BOX LIDS & SCREWS



F COUPLER



G SPACE BAR SADDLES



H INSPECTION BEND



I INSPECTION TEE



J BACK BOX ADAPTOR

For use with Back Boxes right



K 1/4 LITRE SOLVENT ADHESIVE



L BACK BOX (32MM DEEP)



PART NO.	DESCRIPTION	PRICE
V01-7013	A) 20MM TERMINAL BOX - WHITE	0.72
V01-7014	A) 25MM TERMINAL BOX - WHITE	0.99
V01-1155	A) 20MM TERMINAL BOX - BLACK	0.67
V01-1156	A) 25MM TERMINAL BOX - BLACK	1.05
V01-7024	B) 20MM ANGLE BOX - WHITE	0.80
V01-7025	B) 25MM ANGLE BOX - WHITE	1.14
V01-1157	B) 20MM ANGLE BOX - BLACK	0.75
V01-1158	B) 25MM ANGLE BOX - BLACK	1.14
V01-7015	C) 20MM THROUGH BOX - WHITE	0.69
V01-7016	C) 25MM THROUGH BOX - WHITE	1.15
V01-1159	C) 20MM THROUGH BOX - BLACK	0.69
V01-1160	C) 25MM THROUGH BOX - BLACK	1.15
V01-7026	D) 20MM 3 WAY TEE BOX - WHITE	0.94
V01-7027	D) 25MM 3 WAY TEE BOX - WHITE	1.49
V01-1161	D) 20MM 3 WAY TEE BOX - BLACK	0.88
V01-1162	D) 25MM 3 WAY TEE BOX - BLACK	1.38
V01-7017	E) BOX LID 65MM - WHITE	0.18
V01-7018	E) M4 X 10MM BOX LID SCREWS PKT100 - WHITE	5.43
V01-1163	E) BOX LID 65MM - BLACK	0.18
V01-7028	F) 20MM COUPLER - WHITE	0.20
V01-7029	F) 25MM COUPLER - WHITE	0.25
V01-1165	F) 20MM COUPLER - BLACK	0.18

PART NO.	DESCRIPTION	PRICE
V01-1166	F) 25MM COUPLER - BLACK	0.23
V01-7019	G) 20MM SPACE BAR SADDLE - WHITE	0.25
V01-7020	G) 25MM SPACE BAR SADDLE - WHITE	0.31
V01-1167	G) 20MM SPACE BAR SADDLE - BLACK	0.23
V01-1168	G) 25MM SPACE BAR SADDLE - BLACK	0.30
V01-7030	H) 20MM INSPECTION BEND - WHITE	0.88
V01-7031	H) 25MM INSPECTION BEND - WHITE	1.52
V01-1169	H) 20MM INSPECTION BEND - BLACK	0.88
V01-1170	H) 25MM INSPECTION BEND - BLACK	1.52
V01-1171	20MM BENDING SPRING - BLACK	4.44
V01-1172	25MM BENDING SPRING - BLACK	5.87
V01-7021	I) 20MM INSPECTION TEE - WHITE	1.21
V01-7022	I) 25MM INSPECTION TEE - WHITE	1.52
V01-1173	I) 20MM INSPECTION TEE - BLACK	0.95
V01-1174	I) 25MM INSPECTION TEE - BLACK	1.52
V01-7032	J) 20MM BACK BOX ADAPTOR - WHITE	0.28
V01-7033	J) 25MM BACK BOX ADAPTOR - WHITE	0.35
V01-1175	J) 20MM BACK BOX ADAPTOR - BLACK	1.63
V01-1176	J) 25MM BACK BOX ADAPTOR - BLACK	1.39
V01-7023	K) SOLVENT ADHESIVE	15.10
V01-8034	L) 1 GANG BACK BOX - WHITE	2.17
V01-8038	L) 2 GANG BACK BOX - WHITE	4.00

A) GALVANISED CONDUIT

- Heavy gauge steel conduit
- Screw thread both ends
- Each length has a pre-fitted coupler on one end.

20mm & 25mm Galvanised Steel Conduit. Supplied in 3.75m lengths

B) CONDUIT BUSH WRENCH

Innovative head design allows for all sizes of conduit bushes to be tightened/untightened even with cabling in place.
Length 190mm / 7 1/2in.

PART NO.	DESCRIPTION	PRICE
V01-1194	20MM GALV STEEL 3.75M	8.42
V01-1195	25MM GALV STEEL 3.75M	11.24
V01-6992	CONDUIT BUSH WRENCH	14.91

**STEEL TERMINAL BOX**

PART NO.	DESCRIPTION	PRICE
V01-1196	20MM STEEL TERM BOX	1.74
V01-1197	25MM STEEL TERM BOX	2.27

STEEL THROUGH BOX

PART NO.	DESCRIPTION	PRICE
V01-1200	20MM STEEL THROUGH BOX	1.74
V01-1201	25MM STEEL THROUGH BOX	2.27

STEEL ANGLE BOX

PART NO.	DESCRIPTION	PRICE
V01-1198	20MM STEEL ANGLE BOX	1.53
V01-1199	25MM STEEL ANGLE BOX	2.27

STEEL TEE BOX

PART NO.	DESCRIPTION	PRICE
V01-1202	20MM STEEL TEE BOX	1.80
V01-1203	25MM STEEL TEE BOX	2.26

STEEL SADDLES

PART NO.	DESCRIPTION	PRICE
V01-1204	20MM SPACER SADDLES BOX	0.18
V01-1205	25MM SPACER SADDLES BOX	0.21

STEEL COUPLER

PART NO.	DESCRIPTION	PRICE
V01-1206	20MM STEEL COUPLER	0.28
V01-1207	25MM STEEL COUPLER	0.33

BOX LID & GASKET

PART NO.	DESCRIPTION	PRICE
V01-1208	STEEL BOX LID	0.18
V01-1209	RUBBER GASKET	0.21

BOX LID SCREWS

Packet of 100



PART NO.	DESCRIPTION	PRICE
V01-1214	M4 X 12MM BOX LID SCREWS	5.98

BRASS BUSH

PART NO.	DESCRIPTION	PRICE
V01-1212	20MM SHORT M BUSH	0.44
V01-1213	25MM SHORT M BUSH	0.46

STEEL LOCKRINGS

PART NO.	DESCRIPTION	PRICE
V01-1210	20MM STEEL LOCKRING	0.18
V01-1211	25MM STEEL LOCKRING	0.19

GENUINE BETADUCT OPEN AND CLOSED FINGER (SLOTTED) TRUNKING

Betaduct is a range of PVC ducting, providing lightweight, self-extinguishing cable trunking with excellent rigidity and performance characteristics. Available in open slot and closed slot types, with 20mm slot pitching and supplied with a lid.

Each style is available in grey and black.

**B) CLOSED SLOT (GREY)**

PART NO.	DESCRIPTION	PRICE
V01-8378	38W X 50H MM CLOSED SLOTTED 2M GREY	12.34
V01-7053	50W X 50H MM CLOSED SLOTTED 2M GREY	9.47
V01-8380	50W X 75H MM CLOSED SLOTTED 2M GREY	11.37
V01-8381	75W X 50H MM CLOSED SLOTTED 2M GREY	13.59
V01-7054	100W X 50H MM CLOSED SLOTTED 2M GREY	14.60
V01-7055	100W X 75H MM CLOSED SLOTTED 2M GREY	21.50
V01-7056	125W X 75H MM CLOSED SLOTTED 2M GREY	23.55

A) OPEN SLOT (GREY AND BLACK)

PART NO.	DESCRIPTION	PRICE
V01-8371	38W X 50H MM OPEN SLOTTED 2M GREY	12.34
V01-8368	50W X 50H MM OPEN SLOTTED 2M GREY	9.47
V01-8373	50W X 75H MM OPEN SLOTTED 2M GREY	12.60
V01-8369	75W X 50H MM OPEN SLOTTED 2M GREY	14.04
V01-8375	75W X 75H MM OPEN SLOTTED 2M GREY	15.70
V01-8370	100W X 75H MM OPEN SLOTTED 2M GREY	22.59
V01-8377	125W X 75H MM OPEN SLOTTED 2M GREY	25.30
V01-7070	38W X 50H MM OPEN SLOTTED 2M BLACK	12.74
V01-8372	50W X 50H MM OPEN SLOTTED 2M BLACK	11.15
V01-7071	50W X 75H MM OPEN SLOTTED 2M BLACK	14.03
V01-8374	75W X 50H MM OPEN SLOTTED 2M BLACK	14.80
V01-7072	75W X 75H MM OPEN SLOTTED 2M BLACK	16.91
V01-8376	100W X 75H MM OPEN SLOTTED 2M BLACK	25.08
V01-7073	125W X 75H MM OPEN SLOTTED 2M BLACK	27.37

B) CLOSED SLOT (BLACK)

PART NO.	DESCRIPTION	PRICE
V01-8385	38W X 50H MM CLOSED SLOTTED 2M BLACK	12.16
V01-8379	50W X 50H MM CLOSED SLOTTED 2M BLACK	11.15
V01-8386	50W X 75H MM CLOSED SLOTTED 2M BLACK	12.11
V01-8387	75W X 50H MM CLOSED SLOTTED 2M BLACK	14.80
V01-8382	100W X 50H MM CLOSED SLOTTED 2M BLACK	20.25
V01-8383	100W X 75H MM CLOSED SLOTTED 2M BLACK	23.26
V01-8384	125W X 75H MM CLOSED SLOTTED 2M BLACK	25.64

WHITE LSOH CORRUGATED FLEXIBLE CONDUIT

PART NO.	DESCRIPTION	PRICE
V01-1178	20MM WHITE POLYPROP FLEX 100M	40.77
V01-1179	25MM WHITE POLYPROP FLEX 50M	28.76
V01-1180	32MM WHITE POLYPROP FLEX 50M	58.20
V01-1181	20MM WHITE GLANDS AND LOCKNUTS PK 10	4.97
V01-1182	25MM WHITE GLANDS AND LOCKNUTS PK 10	7.77
V01-1183	32MM WHITE GLANDS AND LOCKNUTS PK 10	22.71

FLEXIBLE GALVANISED STEEL CONDUIT

Extra-flexible steel conduit - available in 20 and 25mm diameters. Supplied in 30m lengths.



PART NO.	DESCRIPTION	PRICE
V01-7046	20MM STEEL FLEX CONDUIT 30M	41.96
V01-7047	25MM STEEL FLEX CONDUIT 30M	62.41
V01-7048	20MM GLANDS AND NUTS (PKT 10)	14.01
V01-7049	25MM GLANDS AND NUTS (PKT 10)	15.09

LSOH STANDARD CORRUGATED FLEXIBLE POLYPROP CONDUIT

(IP54) - Temperature range -40 - +120°C. Available in 20, 25, 32 and 50mm diameters.

Supplied in black.



PART NO.	DESCRIPTION	PRICE
V01-7036	20MM DIA. POLYPROP FLEX 100M	31.74
V01-7037	25MM DIA. POLYPROP FLEX 50M	20.38
V01-7035	32MM DIA. POLYPROP FLEX 25M	16.98
V01-0465	50MM DIA. POLYPROP FLEX 25M	86.07
T70-2578	20MM GLANDS AND NUTS (PKT 10)	6.44
T70-2573	25MM GLANDS AND NUTS (PKT 10)	6.92
T70-2574	32MM GLANDS AND NUTS (PKT 10)	10.17
T70-1225	50MM GLANDS AND NUTS (EACH)	9.15

SPIRAL REINFORCED CONDUIT

This heavy duty flexible conduit is reinforced by spiral nylon, making it crush resistant. It is also supplied to IP65. Available in 20 and 25mm diameters. Supplied in black, in 30m lengths.



PART NO.	DESCRIPTION	PRICE
V01-7042	20MM REINFORCED CONDUIT 30M	32.39
V01-7043	25MM REINFORCED CONDUIT 30M	39.96
T70-4739	20MM GLANDS AND NUTS (PKT 10)	6.44
T70-4740	25MM GLANDS AND NUTS (PKT 10)	7.42

CONTRACTOR PACK - AS ABOVE BUT IN 10M PACKS

LSOH standard corrugated flexible polyprop conduit.

(IP54) - Temperature range -40 - +120°C.

Available in 20 and 25mm diameters. Supplied in black.

Specialist contractor packs of 20 and 25mm diameters, containing 10m conduit, 10 glands, 10 locknuts.



PART NO.	DESCRIPTION	PRICE
V01-1305	20MM CONTRACTOR PACKS	10.76
V01-1306	25MM CONTRACTOR PACKS	15.09

LSOH SPLIT CORRUGATED FLEXIBLE POLYPROP CONDUIT

Temperature range -40 - +120°C. Available in 20, 25 and 32mm diameters and ideal for covering existing cabling without disconnection. Supplied in black.



PART NO.	DESCRIPTION	PRICE
V01-7057	20MM POLYPROP SPLIT FLEX 50M	15.47
V01-7058	25MM POLYPROP SPLIT FLEX 50M	26.50
V01-7059	32MM POLYPROP SPLIT FLEX 25M	23.74
T70-2578	20MM GLANDS AND NUTS (PKT 10)	6.44
T70-2573	25MM GLANDS AND NUTS (PKT 10)	6.92
T70-2574	32MM GLANDS AND NUTS (PKT 10)	10.17

MILLS STAINLESS CABLE TIES

Stainless steel cable ties are ideal for all applications that require high strength, reliability and fire resistance. In the event of a fire, cables will remain securely held in place and will not fall to block emergency exits.

These ties have a locking feature and offer infinite adjustment within their length. The ties are heavy duty and once installed they can be opened and re-used if required.

It is strongly recommended that these cable ties are applied using the S57-4257 Cable Tie Gun for Stainless Steel Ties or S00-5631 Tensioning Tool to ensure reliable and efficient fixing.

Available in 4 popular sizes:

- A) S00-5620 127mm x 4.6mm Pk 100
 B) S00-4685 201mm x 4.6mm Pk 100
 C) S00-4686 300mm x 4.6mm Pk 100
 D) S00-5628 Tie 362mm x 7.9mm Pk 50



PART NO.	DESCRIPTION	PRICE
S00-5620	A) S'STEEL CABLE TIE 127MM X 4.6MM PK 100	21.99
S00-4685	B) S'STEEL CABLE TIES 201MM X 4.6MM PK 100	7.71
S00-4686	C) S'STEEL CABLE TIES 300MM X 4.6MM PK 100	8.23
S00-5628	D) S'STEEL CABLE TIE 362MM X 7.9MM PK 50	19.99

STAINLESS STEEL SCREW FIXING MOUNTS

Suitable for the secure fixing of cables, tubing, conduits and pipes within the most arduous of environments. Providing a complete fastening and fixing solution when used in conjunction with stainless steel ties up to 10.0 mm width.

Made from Grade 316 Stainless Steel (SS316).

Dimensions: 10.2mm (w) x 23.0mm (l) x 4.5mm (h)

Available with three different hole sizes. Supplied in packs of 100.



PART NO.	DESCRIPTION	PRICE
S00-5633	4.2MM Ø HOLE - STAINLESS STEEL P MOUNTS PK100	40.73
S00-5634	5.3MM Ø HOLE - STAINLESS STEEL P MOUNTS PK100	40.73
S00-5635	6.3MM Ø HOLE - STAINLESS STEEL P MOUNTS PK100	40.73

STAINLESS STEEL CRADLE MOUNT CLIP

A cradle mount clip that meets the requirements of BS761, 3rd Amendment, 7th Edition. Suitable for use with stainless steel cable ties up to and including 7.9mm.

Features a No.8 (4mm ø) fixing hole for securing on to the building fabric.

Supplied in a pack of 100.

Dimensions: 12mm (w) x 16mm (l).



PART NO.	DESCRIPTION	PRICE
S00-5636	STAINLESS STEEL CRADLE MOUNT CLIP PK100	22.86

SAFE-D U-CLIPS

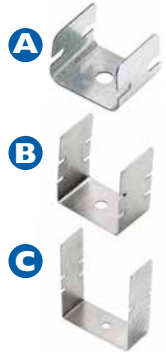
Safe-D U-clips can be fitted direct-to-surface, or in non-metallic trunking systems. After cables are inserted, tabs can be folded inwardly to safely secure the cables. They are produced from a specified steel with >1200°C melting point.

Available in 3 popular sizes

A) S18-0031 For use with MMT2 25 x 16mm mini trunking. Dimensions 20mm (L) x 23mm (W) x 8mm (H). Supplied in a pack of 100.

B) S00-0032 For use with MMT5 50 x 25mm mini trunking. Dimensions: 20mm (L) x 47mm (W) x 30mm (H). Supplied in a pack of 50

C) S00-0033 For use with MMT5 50 x 25mm mini trunking. Dimensions: 20mm (L) x 47mm (W) x 30mm (H). Supplied in a pack of 50



PART NO.	DESCRIPTION	PRICE
T18-0031	A) SAFE-D U-CLIP 30 PK100	14.57
T18-0032	B) SAFE-D U-CLIP 40 PK50	12.01
T18-0033	C) SAFE-D U-CLIP 50 PK50	15.45

STAINLESS STEEL FIRE CLIP FOR MINI TRUNKING

The safest solution to securing cable within mini trunking.

Made from Grade 430 Stainless Steel (SS430)

- Suitable for 25 x 16mm mini trunking
- Completely invisible once mounted within the trunking
- No. 8 (4mm Ø) fixing hole for securing the clip to the building fabric
- Holds cables in position, even in the event of a fire

Dimensions:

21mm (w) x 20mm (l).

Supplied in packs of 50.



PART NO.	DESCRIPTION	PRICE
S00-5637	FIRE CLIP FOR MINI TRUNKING PK50	15.86

STAINLESS STEEL CABLE TIE GUNS

A) Tensioning tool H/Duty lever Arm Style

This tensioning tool is designed for installing heavy duty stainless steel cable ties from 4.5 - 12.3mm strap width. The tensioning strength can be adjusted while pulling the trigger.

B) Stainless Steel Cable Tie (Trigger Style)

For tightening and cutting stainless steel cable ties with widths between 4.5 and 7.9mm, and up to 0.3mm thick. The gun cuts stainless steel cable ties once tensioning is complete.



PART NO.	DESCRIPTION	PRICE
S00-5632	A) TENSIONING TOOL H/DUTY LEVER ARM STYLE	89.17
S57-4257	B) STAINLESS STEEL CABLE TIE (TRIGGER STYLE)	57.27

FIREFLY CABLE CLEATS

Firefly™ Fire Safety Clips and Cleats provide an all metal fire resistant range of cable fixings that will hold cables and cleats in place during a fire, thereby increasing the safety of firefighters and people escaping from burning buildings. They offer full compliance to the new regulations in the new BS7671 18th Edition.

6mm fixing hole size.

Supplied in a pack of 100.



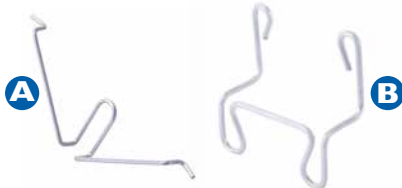
PART NO.	DESCRIPTION	PRICE
R02-3558	FOR CABLE 10.1 - 12.7MM OD PK100	32.45
R02-3559	FOR CABLE 12.6 - 15.7MM OD PK100	32.45
R02-3564	FOR CABLE 15.1 - 17.8MM OD PK100	37.24
R02-3565	FOR CABLE 17.7 - 20.3MM OD PK50	21.63
R02-3576	FOR CABLE 20.2 - 22.8MM OD PK50	21.63
R02-3577	FOR CABLE 22.7 - 25.4MM OD PK50	22.25

FIREFLY TRUNKING CLIPS

A) Internal - that fit within trunking prior to cables being installed

B) External - that can be retrofitted to existing trunking installations.

Fire safety clips to assist with the requirements of BS 7671 wiring regulations. Spring loaded design for quick and easy installation or removal of cables. Melt point over 1000°C.



PART NO.	DESCRIPTION	PRICE
R02-3551	A) FOR 25 X 16MM MINI TRUNKING PK 100	46.87
R02-3552	A) FOR 38 X 25MM MINI TRUNKING PK 100	51.66
R02-3553	A) FOR 50 X 25MM MINI TRUNKING PK 100	54.83
R02-3554	B) FOR 25 X 16MM MINI TRUNKING PK 100	64.27
R02-3556	B) FOR 38 X 25MM MINI TRUNKING PK 100	69.69

COLLET MARKER 2 YELLOW SET 0-9

Ten packs of 50 each, collet marker numbers 0-9.

Colour: Yellow

Colour of Print: Black

Dimensions:

Bundle Dia max. 9.0mm

Bundle Dia min. 4.0mm

Conductor Size Range mm² 4.0 - 16.0mm²

Length 5.0mm

Ref: 072796



PART NO.	DESCRIPTION	PRICE
S83-1757	COLLET MARKER 2YELLOW SET 0-9	86.65

GENUINE VELCRO® BRAND ROLLS

Available in 25m Rolls in 10mm and 16mm widths. Ideal for sensitive cable management applications.

VELCRO® is a registered trade mark of Velcro Industries B.V.



PART NO.	DESCRIPTION	PRICE
R51-0456	GENUINE 10MM VELCRO® 25M ROLL	11.86
R51-0457	GENUINE 16MM VELCRO® 25M ROLL	17.28

HOOK & LOOP CABLE TIES - PKT 100

The Hook and Loop Tie is both quick and simple to use without the need for tools. It is corrosion free, resistant to ageing and re-usable many times. These ties are ideal for use on telephone, optical fibre and data cables.



PART NO.	DESCRIPTION	PRICE
R51-8450	BLACK TIE 13 X 150MM (PKT 100)	17.69
R51-8451	BLACK TIE 13 X 230MM (PKT 100)	24.75
R51-8452	BLACK TIE 13 X 330MM (PKT 100)	28.29

HOOK AND LOOP ROLLS

Hook and Loop Tie available on a 25m roll and is simple to use without the need for tools. It is corrosion resistant to ageing and re-usable many times. Ideal for use on telephone, optical fibre and data cables. Available in 25m rolls, in 9mm and 16mm widths. Supplied in black.



PART NO.	DESCRIPTION	PRICE
R02-7002	9MM HOOK & LOOP 25M ROLL	12.49
R02-7003	16MM HOOK & LOOP 25M ROLL	14.24



Fusion Data Distribution Boxes

Designed to accept Lj6 (6C) and Eurostyle Modules.

Data distribution boxes manufactured from aluminium. Use with the supplied removable frame for standard 6C modules (22.5 x 37mm) or without the frame for Eurostyle modules (25 x 50mm).

Glands, nuts and 'L' fixing brackets are supplied separately.



FUSION 4 WAY DATA DISTRIBUTION BOXES WITH 25MM INLET

- This Box accepts 4 x Lj6 (6C) modules or 6 Eurostyle Modules

Dimensions:
160mm X 65mm X 60mm



PART NO.	DESCRIPTION	PRICE
T96-2532	4 WAY DATA DISTRIBUTION BOX	11.85
T70-2573	25MM GLANDS AND NUTS PKT 10	6.92
T70-2575	25MM L FIXING BRACKETS	2.13

FUSION 6 WAY DATA DISTRIBUTION BOXES WITH 25MM INLET

- This Box accepts 6 x Lj6 (6C) modules or 9 Eurostyle Modules
- 25mm entry gland

Dimensions:
240mm X 65mm X 60mm



PART NO.	DESCRIPTION	PRICE
T96-2533	6 WAY DATA DISTRIBUTION BOX	12.93
T70-2573	25MM GLANDS AND NUTS PKT 10	6.92
T70-2575	25MM L FIXING BRACKETS	2.13

FUSION 8 WAY DATA DISTRIBUTION BOXES WITH 32MM INLET

- This Box accepts 8 x Lj6 (6C) Modules or 11 Eurostyle Modules

Dimensions:
290mm X 65mm X 60mm



PART NO.	DESCRIPTION	PRICE
T96-2534	8 WAY DATA DISTRIBUTION BOX	14.01
T70-2574	32MM GLANDS AND NUTS PKT 10	10.17
T70-2576	32MM L FIXING BRACKETS	2.13

2 WAY DATA DISTRIBUTION BOXES WITH 20MM INLET

For use beneath floors or can be attached to desks. Complete with cable tie fixing points and keyhole slots.

Dimensions:
55mm (depth) x 60mm (width) x 140mm (length). 20mm entry gland.



PART NO.	DESCRIPTION	PRICE
T70-1216	2 WAY GRID STYLE POD BOX	6.70
T70-2578	20MM GLANDS AND NUTS PKT 10	6.44
T70-2577	20MM L FIXING BRACKETS	2.13

4 WAY GRID STYLE DATA DISTRIBUTION BOXES WITH 25MM INLET

For use beneath floors or can be attached to desks. Complete with cable tie fixing points and keyhole slots.

Dimensions:
55mm (depth) x 60mm (width) x 190mm (length). 25mm entry gland.



PART NO.	DESCRIPTION	PRICE
T70-1215	4 WAY GRID STYLE POD BOX	11.33
T70-2573	25MM GLANDS AND NUTS PKT 10	6.92
T70-2575	25MM L FIXING BRACKETS	2.13

24 WAY Lj6 (6C) DATA DISTRIBUTION BOXES WITH 4 X 35MM SQUARE INLET

Ideal for use with trunking to the entry points. Blanking plates supplied.

Dimensions:
62mm (depth) x 200mm (width) x 240mm (length)



PART NO.	DESCRIPTION	PRICE
T70-1217	24 WAY GRID STYLE POD BOX	28.09

P CLIPS

20mm, 25mm black nylon P-Clip



20, 25 & 32mm nylon P-Clip with rubber insert

PART NO.	DESCRIPTION	PRICE
T70-1218	A) 20MM NYLON P CLIP	0.28
T70-1219	A) 25MM NYLON P CLIP	0.32
T70-1221	B) 20MM NYLON P CLIP W RUBBER INSERT	0.60
T70-1222	B) 25MM NYLON P CLIP W RUBBER INSERT	0.67
T70-1223	B) 32MM NYLON P CLIP W RUBBER INSERT	0.84

'L' FIXING BRACKETS



PART NO.	DESCRIPTION	PRICE
T70-2577	20MM L FIXING BRACKETS	2.13
T70-2575	25MM L FIXING BRACKETS	2.13
T70-2576	32MM L FIXING BRACKETS	2.13

MEDIUM DUTY CABLE TRAY

Armorduct galvanised medium duty cable tray, supplied in 3m lengths. Hot dipped galvanised sheet steel complies with BS 4678: Part 1: 1978. Standard height is 25mm and available in 100, 150, 225 and 300mm widths.



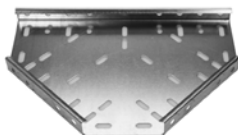
PART NO.	DESCRIPTION	PRICE
V07-8680	MEDIUM DUTY CABLE TRAY 100MM, 3M	10.66
V07-8681	MEDIUM DUTY CABLE TRAY 150MM, 3M	13.85
V07-8682	MEDIUM DUTY CABLE TRAY 225MM, 3M	17.27
V07-8683	MEDIUM DUTY CABLE TRAY 300MM, 3M	22.94

FLAT BEND 90°

PART NO.	DESCRIPTION	PRICE
V07-8684	FLAT BEND 90°, 100MM	7.50
V07-8685	FLAT BEND 90°, 150MM	9.61
V07-8686	FLAT BEND 90°, 225MM	10.36
V07-8687	FLAT BEND 90°, 300MM	13.01

FLAT BEND 45°

PART NO.	DESCRIPTION	PRICE
V07-8688	FLAT BEND 45°, 100MM	6.87
V07-8689	FLAT BEND 45°, 150MM	7.52
V07-8690	FLAT BEND 45°, 225MM	9.47
V07-8691	FLAT BEND 45°, 300MM	12.82

TEE

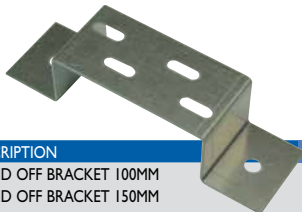
PART NO.	DESCRIPTION	PRICE
V07-8692	TEE 100MM	7.74
V07-8693	TEE 150MM	9.68
V07-8694	TEE 225MM	12.38
V07-8695	TEE 300MM	13.15

COUPLER

Supplied in pairs - 100-300mm pairs



PART NO.	DESCRIPTION	PRICE
V07-8712	COUPLER (ONE SIZE FITS ALL)	1.70

STAND OFF BRACKET

PART NO.	DESCRIPTION	PRICE
V07-8708	STAND OFF BRACKET 100MM	2.75
V07-8709	STAND OFF BRACKET 150MM	3.06
V07-8710	STAND OFF BRACKET 225MM	6.80
V07-8711	STAND OFF BRACKET 300MM	7.36

OUTSIDE BEND

PART NO.	DESCRIPTION	PRICE
V07-8696	OUTSIDE BEND 100MM	6.44
V07-8697	OUTSIDE BEND 150MM	10.74
V07-8698	OUTSIDE BEND 225MM	11.21
V07-8699	OUTSIDE BEND 300MM	15.43

INSIDE BEND

PART NO.	DESCRIPTION	PRICE
V07-8700	INSIDE BEND 100MM	7.56
V07-8701	INSIDE BEND 150MM	8.12
V07-8702	INSIDE BEND 225MM	11.21
V07-8703	INSIDE BEND 300MM	15.43

STEEL WIRE CABLE BASKET

Manufactured from high strength electro zinc plated steel wire, Vergokan steel basket is fast and easy to install, using tool-less quick couplers to join lengths of basket.

The basket is suitable for data and power cabling, improves cable ventilation and reduces dirt retention.



PART NO.	DESCRIPTION	PRICE
V01-1570	100MM BASKET 3M	14.71
V01-1571	150MM BASKET 3M	16.33
V01-1572	200MM BASKET 3M	19.29
V01-1573	300MM BASKET 3M	24.93

CENTRE CUT BOLT CUTTERS

Suitable for cutting high tensile steel bars, bolts, chains and metal sections.



PART NO.	DESCRIPTION	PRICE
S83-0870	CENTRE CUT BOLT CUTTERS 450MM	20.66
S83-0873	CENTRE CUT BOLT CUTTERS 600MM	28.19
S83-0875	CENTRE CUT BOLT CUTTERS 750MM	40.39

CENTRAL SUPPORT BRACKET

Suitable for 100mm and 150mm trays (Sold individually) Should be purchased in pairs



PART NO.	DESCRIPTION	PRICE
V01-1574	CENTRAL SUPPORT BRACKET EACH	0.38

A) CABLELAY MATTING CLASS 0

A lightweight and flexible 6mm thick mat supplied on rolls for quick and easy installation. Cablelay Matting Class 0 for use with V01-1570 Wire Basket 100mm. Length 30m.



PART NO.	DESCRIPTION	PRICE
V03-7592	A) CABLELAY 100MM X 30M	71.59
V01-7593	A) CABLELAY 150MM X 30M	106.89
V01-7594	A) CABLELAY 200MM X 30M	133.36
V01-7595	A) CABLELAY 300MM X 30M	177.50
V03-7598	B) JOINING TAPE 15M	34.52

B) JOINING TAPE CLASS 0 15M ROLL

Protective tape for the joining of 2 cut lengths of cable matting. Class 0. Length: 15m.

**FAST COUPLING**

This fast coupling is a simple snap-fit and doesn't need any tooling.



PART NO.	DESCRIPTION	PRICE
V01-1575	FAST COUPLING	1.63

STAND OFF BRACKET

PART NO.	DESCRIPTION	PRICE
V01-1579	STAND OFF BRACKET	3.79

CONDUIT TAKE-OFF PLATE

PART NO.	DESCRIPTION	PRICE
V01-1578	TAKE-OFF PLATE	2.50

NUT BOLT AND CLAMP ASSEMBLY

PART NO.	DESCRIPTION	PRICE
V01-1577	NUT BOLT & CLAMP	0.60

FLOOR SUPPORT BRACKET

PART NO.	DESCRIPTION	PRICE
V01-1581	SUPP BRACK 200MM	6.98
V01-1582	SUPP BRACK 300MM	7.64

SUSPENSION SUPPORT BRACKET

PART NO.	DESCRIPTION	PRICE
V01-1576	SUSPENSION BRACK	1.47

WALL SUPPORT BRACKET

PART NO.	DESCRIPTION	PRICE
V01-1583	WALL SUPP BRACKET	2.28

WALL AND CEILING SUPPORT 170 X 150MM

Fast fix ceiling bracket for use with 150mm Wire Basket range.



PART NO.	DESCRIPTION	PRICE
V81-1438	WALL AND CEILING SUPPORT 170 X 150MM	3.56

WALL SUPPORT 170 X 150MM

Fast fix wall bracket for use with 150mm Wire Basket range.



PART NO.	DESCRIPTION	PRICE
V81-1439	WALL SUPPORT 170 X 150MM	2.69

GALVANISED CEILING TRAY AND BASKET SUPPORTS

- For tray and basket installations. The brackets have 20 x 7mm hole slots and 50mm pitch cut-outs which allow standard basket to be quickly clipped into position.



Available in 3 sizes:
170mm x 100mm
170mm x 200mm
170mm x 300mm

PART NO.	DESCRIPTION	PRICE
V01-9831	WALL & CEILING SUPPORT 170 X 100MM	7.40
V01-9832	WALL & CEILING SUPPORT 170 X 200MM	10.01
V01-9833	WALL & CEILING SUPPORT 170 X 300MM	10.83

GALVANISED WALL TRAY AND BASKET

- All the features of the supports above but 2 sided

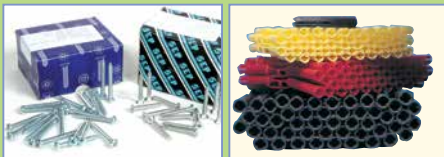


Available in 3 sizes:
170 x 100mm
170 x 200mm
170 x 300mm

PART NO.	DESCRIPTION	PRICE
V01-9834	WALL SUPPORT 170 X 100MM	4.59
V01-9835	WALL SUPPORT 170 X 200MM	5.92
V01-9836	WALL SUPPORT 170 X 300MM	7.31

Looking for screws
and expansion plugs?

see page 264

**CHANNEL SUPPORTS**

Available in Standard (41mm W x 21mm H) or Deep (41mm W x 41mm H), supplied in 3m lengths. The supports are available plain or slotted.



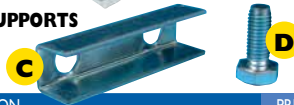
PART NO.	DESCRIPTION	PRICE
V07-1900	PLAIN 41MM X 21MM	12.00
V07-1901	SLOTTED 41MM X 21MM	13.09
V07-1902	PLAIN 41MM X 41MM	13.46
V07-1903	SLOTTED 41MM X 41MM	16.77

A) SPRING NUTS (ZEBEDEES)

Available in short or long spring.

B) CHANNEL SUPPORT ENDS

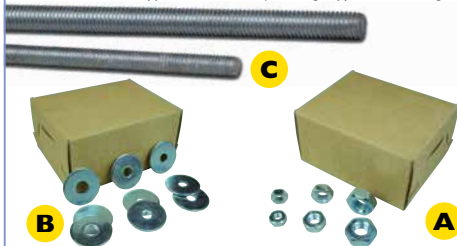
Available for Standard (41mm W x 21mm H) or Deep (41mm W x 41mm H)

**C) SPACERS****D) BOLTS FOR SUPPORTS AND BRACKETS**

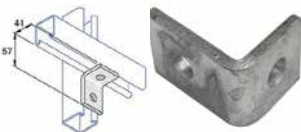
PART NO.	DESCRIPTION	PRICE
V07-1906	A) M6 SHORT SPRING NUT	0.15
V07-1907	A) M8 SHORT SPRING NUT	0.18
V07-1908	A) M10 SHORT SPRING NUT	0.20
V07-1909	A) M6 LONG SPRING NUT	0.18
V07-1910	A) M8 LONG SPRING NUT	0.20
V07-1911	A) M10 LONG SPRING NUT	0.22
V07-1904	B) 41MM X 21MM ENDS	0.22
V07-1905	B) 41MM X 41MM ENDS	0.24
V07-1921	C) SPACER	1.03
V07-1922	D) M10X25 BOLT - PKT 10	0.67

FULLNUTS, WASHERS & STUDDING

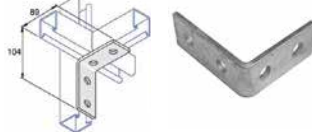
M6, M8 and M10 - Supplied in Pkts 100 (Studding supplied in 3m lengths)



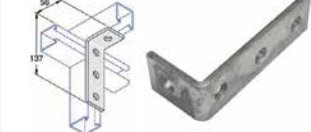
PART NO.	DESCRIPTION	PRICE
R02-2240	(A) M6 FULLNUT PKT 100	1.14
R02-2241	(A) M8 FULLNUT PKT 100	1.55
R02-2242	(A) M10 FULLNUT PKT 100	2.62
R02-2243	(B) M6 X 25MM WASHER PKT 100	2.30
R02-2244	(B) M8 X 25MM WASHER PKT 100	2.25
R02-2245	(B) M10 X 25MM WASHER PKT 100	2.70
R02-2246	(C) M6 STUDDING 3M LENGTH	2.03
R02-2247	(C) M8 STUDDING 3M LENGTH	2.50
R02-2248	(C) M10 STUDDING 3M LENGTH	3.93

ANGLE FITTINGS 1

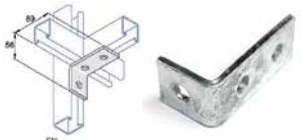
PART NO.	DESCRIPTION	PRICE
V07-9703	ANGLE FITTING 1	0.40

ANGLE FITTINGS 2

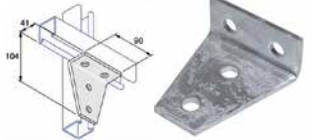
PART NO.	DESCRIPTION	PRICE
V07-9704	ANGLE FITTING 2	1.26

ANGLE FITTINGS 3

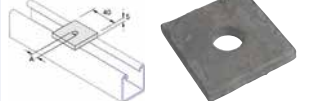
PART NO.	DESCRIPTION	PRICE
V07-9705	ANGLE FITTING 3	1.27

ANGLE FITTINGS 4

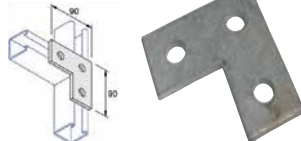
PART NO.	DESCRIPTION	PRICE
V07-9706	ANGLE FITTING 4	0.80

ANGLE FITTINGS 5

PART NO.	DESCRIPTION	PRICE
V07-9707	ANGLE FITTING 5	2.31

FLAT FITTINGS 1

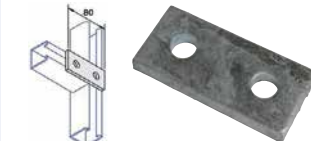
PART NO.	DESCRIPTION	PRICE
V07-9708	FLAT FITTING 1 M6	0.18
V07-9709	FLAT FITTING 1 M8	0.18
V07-9710	FLAT FITTING 1 M10	0.16

FLAT FITTINGS 2

PART NO.	DESCRIPTION	PRICE
V07-9711	FLAT FITTING 2	1.03

FLAT FITTINGS 3

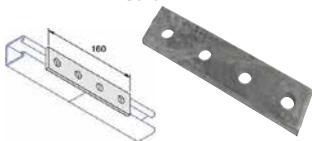
PART NO.	DESCRIPTION	PRICE
V07-9712	FLAT FITTING 3	1.77

FLAT FITTINGS 4

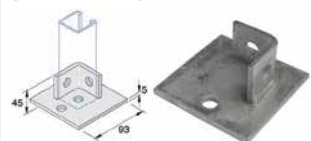
PART NO.	DESCRIPTION	PRICE
V07-9713	FLAT FITTING 4	0.60

FLAT FITTINGS 5

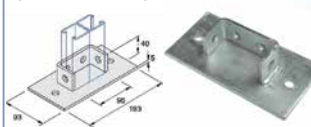
PART NO.	DESCRIPTION	PRICE
V07-9714	FLAT FITTING 5	0.72

FLAT FITTINGS 6

PART NO.	DESCRIPTION	PRICE
V07-9715	FLAT FITTING 6	0.98

CHANNEL BASE 1

PART NO.	DESCRIPTION	PRICE
V07-9716	CHANNEL BASE 1	2.60

CHANNEL BASE 2

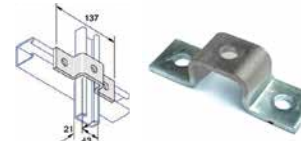
PART NO.	DESCRIPTION	PRICE
V07-9717	CHANNEL BASE 2	4.63

Z AND U SHAPE FITTING 1

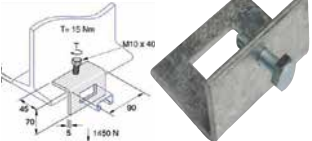
PART NO.	DESCRIPTION	PRICE
V07-9718	Z AND U SHAPE 1	1.56

Z AND U SHAPE FITTING 2

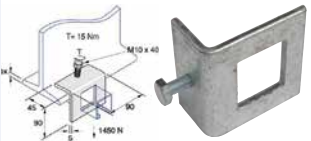
PART NO.	DESCRIPTION	PRICE
V07-9719	Z AND U SHAPE 2	1.98

Z AND U SHAPE FITTING 3

PART NO.	DESCRIPTION	PRICE
V07-9720	Z AND U SHAPE 3	1.18

BEAM CLAMP 1

PART NO.	DESCRIPTION	PRICE
V07-9721	BEAM CLAMP 1	1.88

BEAM CLAMP 2

PART NO.	DESCRIPTION	PRICE
V07-9722	BEAM CLAMP 2	1.96

GALVANISED TRUNKING

Armorduct galvanised trunking, supplied in 3m lengths with coupler.
Hot dipped galvanised sheet steel complies with BS 4678: Part 1: 1978

Each length of trunking includes a lid and one coupler.

A) Available in 50 x 50mm, 75 x 75mm, 100 x 100mm and 150 x 150mm

B) Also available in 150 x 75mm and 100 x 50mm and 2 and 3 compartment versions

– For further details please contact our
Sales Office on 020 8833 2626.



PART NO.	DESCRIPTION	PRICE
V07-8650	GALVANISED TRUNKING 50 X 50MM, 3M	16.24
V07-8651	GALVANISED TRUNKING 75 X 75MM, 3M	25.06
V07-8652	GALVANISED TRUNKING 100 X 100MM, 3M	30.31
V07-8653	GALVANISED TRUNKING 150 X 150MM, 3M	59.93

TOP LID 90° BENDS

Other access style
models available
on request



PART NO.	DESCRIPTION	PRICE
V07-8654	GALVANISED TOP LID 90° BEND 50 X 50MM	6.36
V07-8655	GALVANISED TOP LID 90° BEND 75 X 75MM	8.68
V07-8656	GALVANISED TOP LID 90° BEND 100 X 100MM	8.47
V07-8657	GALVANISED TOP LID 90° BEND 150 X 150MM	13.99

TOP LID 45° BENDS

PART NO.	DESCRIPTION	PRICE
V07-8658	GALVANISED TOP LID 45° BEND 50 X 50MM	6.36
V07-8659	GALVANISED TOP LID 45° BEND 75 X 75MM	7.55
V07-8660	GALVANISED TOP LID 45° BEND 100 X 100MM	5.68
V07-8661	GALVANISED TOP LID 45° BEND 150 X 150MM	13.99

INTERNAL BEND 45°

PART NO.	DESCRIPTION	PRICE
V07-1352	GALVANISED INTERNAL 45° BEND 50 X 50MM	6.33
V07-1353	GALVANISED INTERNAL 45° BEND 75 X 75MM	7.95
V07-1354	GALVANISED INTERNAL 45° BEND 100 X 100MM	7.49
V07-1355	GALVANISED INTERNAL 45° BEND 150 X 150MM	11.85

EXTERNAL BEND 45°

PART NO.	DESCRIPTION	PRICE
V07-1356	GALVANISED EXTERNAL 45° BEND 50 X 50MM	6.33
V07-1357	GALVANISED EXTERNAL 45° BEND 75 X 75MM	7.00
V07-1358	GALVANISED EXTERNAL 45° BEND 100 X 100MM	7.49
V07-1359	GALVANISED EXTERNAL 45° BEND 150 X 150MM	11.85

INTERNAL BEND 90°

PART NO.	DESCRIPTION	PRICE
V07-1360	GALVANISED INTERNAL 90° BEND 50 X 50MM	6.33
V07-1361	GALVANISED INTERNAL 90° BEND 75 X 75MM	7.95
V07-1362	GALVANISED INTERNAL 90° BEND 100 X 100MM	8.50
V07-1363	GALVANISED INTERNAL 90° BEND 150 X 150MM	11.85

EXTERNAL BEND 90°

PART NO.	DESCRIPTION	PRICE
V07-1364	GALVANISED EXTERNAL 90° BEND 50 X 50MM	6.33
V07-1365	GALVANISED EXTERNAL 90° BEND 75 X 75MM	7.95
V07-1366	GALVANISED EXTERNAL 90° BEND 100 X 100MM	8.50
V07-1367	GALVANISED EXTERNAL 90° BEND 150 X 150MM	13.57

TOP LID TEE

PART NO.	DESCRIPTION	PRICE
V07-8662	GALVANISED TOP LID TEE 50 X 50MM	6.85
V07-8663	GALVANISED TOP LID TEE 75 X 75MM	7.90
V07-8664	GALVANISED TOP LID TEE 100 X 100MM	9.44
V07-8665	GALVANISED TOP LID TEE 150 X 150MM	15.66

INTERSECTION

PART NO.	DESCRIPTION	PRICE
V07-8666	GALVANISED INTERSECTION 50 X 50MM	8.45
V07-8667	GALVANISED INTERSECTION 75 X 75MM	10.00
V07-8668	GALVANISED INTERSECTION 100 X 100MM	17.61
V07-8669	GALVANISED INTERSECTION 150 X 150MM	22.69

BLANK END

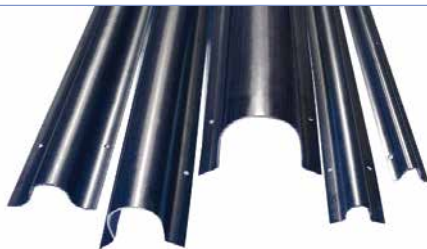
PART NO.	DESCRIPTION	PRICE
V07-8670	GALVANISED BLANK 50 X 50MM	1.42
V07-8671	GALVANISED BLANK 75 X 75MM	1.51
V07-8672	GALVANISED BLANK 100 X 100MM	1.73
V07-8673	GALVANISED BLANK 150 X 150MM	2.94

SUSPENSION HANGER

PART NO.	DESCRIPTION	PRICE
V07-8674	GALVANISED HANGER 50 X 50MM	3.69
V07-8675	GALVANISED HANGER 75 X 75MM	4.16
V07-8676	GALVANISED HANGER 100 X 100MM	5.95
V07-8677	GALVANISED HANGER 150 X 150MM	6.68

RIGID CABLE PROTECTING GUARDS

- Available in 4 different sizes
- Pre-punched to aid installation
- Manufactured from high impact PVC, for extra protection
- Supplied in 2.4m lengths
- Supplied in black



PART NO.	DESCRIPTION	PRICE
V01-4056	19MM RIGID CABLE PROTECTOR 3M	3.04
V01-4057	25MM RIGID CABLE PROTECTOR 3M	6.49
V01-4058	40MM RIGID CABLE PROTECTOR 3M	10.58
V01-4059	55MM RIGID CABLE PROTECTOR 3M	10.76

CABLE BRAID - HALOGEN FREE

Halogen heat free stabilised polyester temperature range -50 to +150°C. Colour dark grey and black.



PART NO.	DESCRIPTION	PRICE
R02-7704	CABLE BRAID 12-20MM 50M GREY	26.32
R02-7705	CABLE BRAID 18-25MM 50M GREY	27.54
R02-7706	CABLE BRAID 22-30MM 25M GREY	28.97
R02-7707	CABLE BRAID 26-35MM 25M GREY	33.03
R02-7708	CABLE BRAID 35-45MM 25M GREY	36.31
R02-4247	CABLE BRAID 40-60MM 25M GREY	38.06
R02-9010	CABLE BRAID 12-20MM 50M BLACK	26.32
R02-9011	CABLE BRAID 18-25MM 50M BLACK	27.54
R02-9012	CABLE BRAID 22-30MM 25M BLACK	28.97
R02-9013	CABLE BRAID 26-35MM 25M BLACK	33.03
R02-9014	CABLE BRAID 35-45MM 25M BLACK	36.31
R02-4248	CABLE BRAID 40-60MM 25M BLACK	38.06

SPIRAL WRAP PVC SLEEVING FOR TIDYING UNSIGHTLY CABLES 25M

SIZE	INT.DIA	LOOM DIA	COIL SIZE
SIZE 1	6.5mm	7.0-40.0mm	25M
SIZE 2	8.2mm	12.0-50.0mm	25M
SIZE 3	12.0mm	15.0-80.0mm	20M

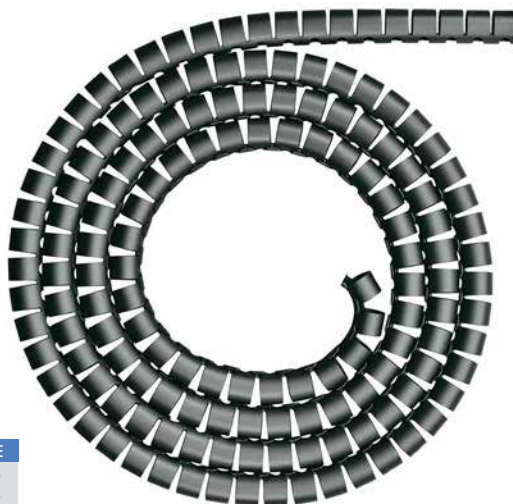


PART NO.	DESCRIPTION	PRICE
R02-2420	SIZE 1 SPIRAL WRAP 25M	8.10
R02-2421	SIZE 2 SPIRAL WRAP 25M	10.76
R02-2422	SIZE 3 SPIRAL WRAP 20M	12.17

SPIRAL BIND (CABLE EATER STYLE)

Allows cable to be tidily bundled in seconds. Available in 20mm x 30M and 25mm x 20M packs.

N.B Maximum bundle dia for 20mm is 23mm and 25mm is 28mm.



PART NO.	DESCRIPTION	PRICE
R02-7005	20MM SPIRAL BIND 30M	71.88
R02-7006	25MM SPIRAL BIND 20M	85.24
R02-7007	APPLICATOR TOOL FOR ABOVE	5.44

BACK BOXES

Available in 'easy tear' poly bags in 1 and 2 gangs – the boxes are also available in standard (32mm), extra deep (42mm) versions and now 22mm deep.



PART NO.	DESCRIPTION	PRICE
T70-0009	1 GANG 22MM BACK BOX	0.69
T70-2165	1 GANG 32MM BACK BOX	0.78
T70-2166	2 GANG 32MM BACK BOX	1.26
T70-2167	1 GANG 42MM BACK BOX	1.53
T70-2168	2 GANG 42MM BACK BOX	2.10

FUSION SELF ADHESIVE BACK BOXES

1 and 2 gang versions, 32mm standard depth.



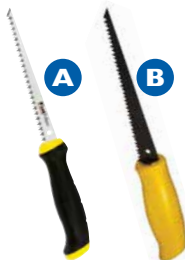
PART NO.	DESCRIPTION	PRICE
T70-2566	1 GANG BACK BOX SELF ADHESIVE	1.08
T70-2567	2 GANG BACK BOX SELF ADHESIVE	1.68

PAD AND PLASTERBOARD SAWS**A) Stanley FatMax Plasterboard/Jabsaw.**

7 TPI blade with triple bevelled tothing for 50% quicker and easier cutting. Sharp point ideal for punching through plasterboard. Blade length 150mm.

B) Plasterboard Saw.

This Stanley saw is ideal for use on plasterboard. It has a soft grip for ease of use. Teeth per inch: 6tpi. Length: 150mm.



PART NO.	DESCRIPTION	PRICE
N70-3391	A) FATMAX PLASTERBOARD/JABSAW	12.30
N70-7522	B) STANLEY PLASTERBOARD SAW 150MM 6" 6TPI	5.67

MINI TRUNKING BACK BOXES

Designed to give a smarter finish, the new 32mm deep back boxes have been designed with integral adaptors for use with 25 x 16mm (MMT2) and 38 x 25mm (MMT4) mini trunking.

Available in 1 and 2 gang.



PART NO.	DESCRIPTION	PRICE
V81-1139	MMT2 MINI TRUNK BOX 1 GANG 32MM	2.30
V81-1140	MMT2 MINI TRUNK BOX 2 GANG 32MM	4.03

FLUSH MOUNTING DRY LINING BOXES

34mm and 47mm depth available

1 and 2 gang and adjustable 6-14mm

• For installations in plaster board & false wall environments.



PART NO.	DESCRIPTION	PRICE
V81-8113	1 GANG DRY LINING BOX 34MM	0.59
V81-8114	2 GANG DRY LINING BOX 34MM	1.12
V01-8745	1 GANG DRY LINING BOX 47MM	1.08
V01-8746	2 GANG DRY LINING BOX 47MM	1.68

A) METAL FLUSH BOXES

Available in 1 and 2 gang and in 25mm, 32mm and 44mm depths

A**B) RETHRADING TOOL 3.5 X 0.6MM**

For cleaning out and cutting damaged or malformed threads in electrical boxes and other similar jobs. Manufactured from high speed steel with precision ground threads and an impact resistant PVC handle.

B

PART NO.	DESCRIPTION	PRICE
V01-2304	A) 1 GANG 25MM FLUSH BOX	0.62
V01-2305	A) 2 GANG 25MM FLUSH BOX	0.62
V01-2306	A) 1 GANG 32MM FLUSH BOX	0.64
V01-2307	A) 2 GANG 32MM FLUSH BOX	0.87
V01-8747	A) 1 GANG 44MM FLUSH BOX	0.77
V01-8748	A) 2 GANG 44MM FLUSH BOX	0.85
J04-4862	B) RETHRADING TOOL 3.5 X 0.6MM	4.07

BACK BOXES (30MM DEEP) FOR MAXI TRUNKING

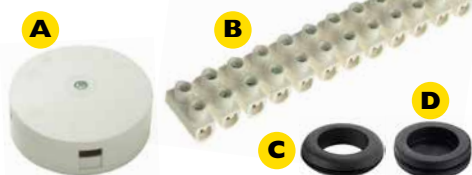
PART NO.	DESCRIPTION	PRICE
V81-8082	MAXI BACK BOX SINGLE GANG	2.49
V81-8081	MAXI BACK BOX DOUBLE GANG	3.94

SATIN AND POLISHED CHROME SOCKET OUTLETS

Satin and Polished Chrome Socket Outlets – available in 1 and 2 gang with black inserts.



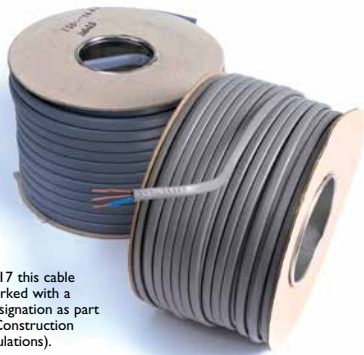
PART NO.	DESCRIPTION	PRICE
Q69-9933	A) 1 GANG SOCKET OUTLET CHROME	5.70
Q69-9934	B) 2 GANG SOCKET OUTLET CHROME	7.12
Q69-9935	A) 1 GANG SOCKET OUTLET SATIN CHROME	6.48
Q69-9936	B) 2 GANG SOCKET OUTLET SATIN CHROME	8.49

JUNCTION BOXES, TERMINAL STRIPS AND GROMMETS

PART NO.	DESCRIPTION	PRICE
R02-7709	A) 15/20A JUNC. BOX 4 TERM	1.31
R02-7710	A) 20A JUNC. BOX 4 TERM	1.90
R02-7711	A) 30A JUNC. BOX 3 TERM	2.28
R02-7712	B) TERMINAL STRIP 15A	1.39
R02-7713	B) TERMINAL STRIP 30A	2.04
R02-2279	C) 20MM BLACK CLOSED GROMMET (PKT 100)	5.00
R02-2280	C) 25MM BLACK CLOSED GROMMET (PKT 100)	9.04
R02-2281	D) 20MM BLACK OPEN GROMMET (PKT 100)	6.76
R02-2282	D) 25MM BLACK OPEN GROMMET (PKT 100)	9.36

ELECTRICAL CABLE 6242Y TWIN AND EARTH

- Available in 50M & 100M drums white
1.0mm², 1.5mm², 2.5mm², 4.0mm².



By 1st July 2017 this cable will be CE marked with a EuroClass Designation as part of the CPR (Construction Products Regulations).

PART NO.	DESCRIPTION	PRICE
R02-7714	1.0MM2 TWIN AND EARTH 100M	49.17
R02-7715	1.5MM2 TWIN AND EARTH 100M	59.27
R02-7716	2.5MM2 TWIN AND EARTH 100M	57.70
P89-1366	4MM2 TWIN AND EARTH 50M	67.67

For a greater range of faceplates?

see page 408

**STANDARD SWITCHED SOCKET OUTLETS**

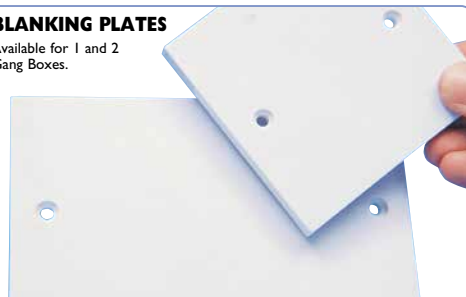
Available in 1 and 2 Gang



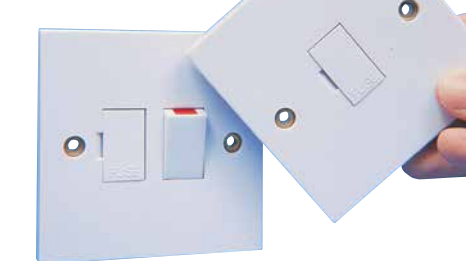
PART NO.	DESCRIPTION	PRICE
V01-2322	1 GANG SWITCHED SOCKET OUTLET	2.19
V01-2323	2 GANG SWITCHED SOCKET OUTLET	2.96

BLANKING PLATES

Available for 1 and 2 Gang Boxes.



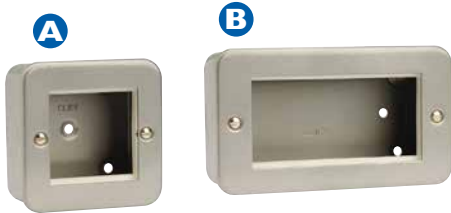
PART NO.	DESCRIPTION	PRICE
V01-2324	1 GANG BLANKING PLATE	0.46
V01-2325	2 GANG BLANKING PLATE	0.82

SWITCHED & UNSWITCHED FUSED SPURS

PART NO.	DESCRIPTION	PRICE
V01-2326	1 GANG SWITCHED FUSED SPUR	5.42
V01-2327	1 GANG UNSWITCHED FUSED SPUR	4.28

METAL CLAD FACEPLATE WITH 40MM BACKBOX

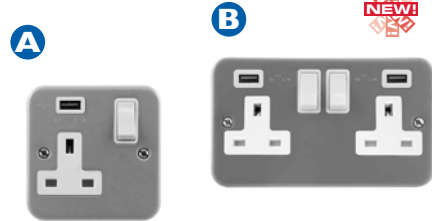
Electrophoretically coated faceplate and backbox provides a durable and long lasting heavy duty finish.



PART NO.	DESCRIPTION	PRICE
Q69-4621	A) 1 GANG FACEPLATE & BACKBOX	2.58
Q69-4622	B) 2 GANG FACEPLATE & BACKBOX	3.71

METAL CLAD 13A UK SOCKET & USB OUTLET WITH 40MM BACKBOX 1 GANG & 2 GANG

Metal Clad 13A UK DP Switched Socket Outlet With 2 x USB 5v 2.1A and 40mm Backbox.



PART NO.	DESCRIPTION	PRICE
Q69-0208	A) 1 GANG METAL CLAD 13A UK SOCKET	15.71
Q69-0198	B) 2 GANG METAL CLAD 13A UK SOCKET	20.45

POLISHED CHROME 13A 1 GANG & 2 GANG SWITCHED SOCKET WITH 5V 2.1A USB OUTLET

Polished Chrome Switched Socket 13A 2 Gang Double Pole, Black Insert

USB points both capable of 5v 2.1A simultaneously and suitable for most tablets, smart phones and cameras.



PART NO.	DESCRIPTION	PRICE
Q69-0180	A) 13A 1 GANG SWITCHED SOCKET	15.44
Q69-0188	B) 13A 2 GANG SWITCHED SOCKET	20.55

SATIN CHROME 13A 1 GANG & 2 GANG SWITCHED SOCKET WITH 5V 2.1A USB OUTLET

Satin Chrome Switched Socket 13A 1 Gang Double Pole, Black Insert

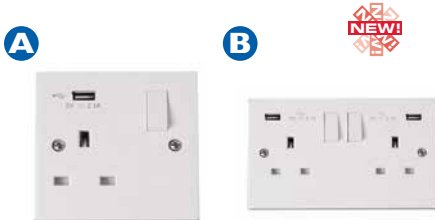


PART NO.	DESCRIPTION	PRICE
Q69-0181	A) 13A 1 GANG SWITCHED SOCKET	16.47
Q69-0193	B) 13A 2 GANG SWITCHED SOCKET	22.15

1 GANG & 2 GANG 13A SWITCHED SOCKET OUTLET WITH 5V 2.1A USB

Premium switched outlet with 5v 2.1A USB charging point available in 1 gang and 2 gang.

USB point suitable for most tablets, smart phones and cameras.



PART NO.	DESCRIPTION	PRICE
Q69-0213	A) 1 GANG 13A SWITCHED SOCKET OUTLET	10.25
Q69-0218	B) 2 GANG 13A SWITCHED SOCKET OUTLET	16.43

WIFI EXTENDER SOCKET WITH USB 2 GANG + USB PORT

Extends Wi-Fi coverage throughout the home, compatible with all wireless broad band routers.

- Eliminate dead spots and extend range
- Easy installation, simply replaces existing 2 gang socket
- Easy set up with one touch WPS
- 2.4GHz
- 2.1A USB socket
- Fits standard 25mm back box



PART NO.	DESCRIPTION	PRICE
Q64-7419	WIFI EXTENDER SOCKET - USB 2 GANG + USB PORT	26.73

CONTRACTOR 3 COMPARTMENT FLOOR BOX

A low cost Compact Galvanised Floor Box supplied as standard with 1 x Twin 13 Amp Plate, 1 Data Plate containing 4 cut outs (37.5 x 25mm) for LT6 (6C) modules, and 1 further blank plate.

Dimensions:

- Floor Cut Out: 266 x 212mm
- Floor Box Depth: 80mm
- Plug Top Clearance: 30mm
- Overall Frame & Lid: 270 x 223mm
- Frame Lid Recess: 6mm
- Accessories Plates: 185 x 76mm



PART NO.	DESCRIPTION	PRICE
V07-9844	CONTRACTOR 3 COMP. FLOOR BOX	28.50
V07-9845	ADDITIONAL 13AMP TWIN PLATE	14.68
V07-9846	ADDITIONAL 6 WAY DATA PLATE	3.43

MITA 3 COMPARTMENT FLOOR BOX

This quality 3 Compartment Floor Box has been designed for the communication installer and is supplied as standard with 1 twin 13 AMP Plate, 1 six way LJ6 (6C) Data Plate and 1 Blank Plate. The floor box is just 75mm deep and requires a cut-out size of 292 x 201mm.



- Overall dimensions 310 x 220 x 75mm with 292 x 201mm cut-out required
- Pre-galvanised lower box with 20/25mm knockouts for cable entry
- Dual quick fix securing clamps (panel plus carpet thickness of 18-49mm)

PART NO.	DESCRIPTION	PRICE
V01-7700	3 COMPARTMENT FLOOR BOX COMPLETE	61.36
V01-7702	TWIN 13 AMP SOCKET OUTLET	7.16
V01-7703	BLANK PLATE 3 COMPARTMENT	2.24
V01-7704	6 WAY LJ6 (6C) DATA PLATE	3.78
V01-7705	8 WAY LJ6 (6C) DATA PLATE	6.77
V01-7706	EUROMOD PLATE	7.24
V01-7707	TWIN FACE PLATE	4.21

FUSION RJ45 CAT 5E LJ6 (6C) MODULES

37.5 x 22mm, supplied with labelling window and cable ties in bulk (12 piece) "Easy Use" box.



PART NO.	DESCRIPTION	PRICE
T90-5956	CAT 5E LJ6 (6C) MODULE PK 12	12.45

FUSION CAT 6 RJ45 LJ6 (6C) MODULE

These modules have Krone™ style IDC's, labelling window and are supplied with cable ties inside an easy access bulk box of 12.



PART NO.	DESCRIPTION	PRICE
T90-5966	LJ6 CAT 6 MODULE PK 12	22.29

CABLING GLANDS IP68 DOME TOP QUICK-FIT NYLON

A range of compression type cable glands manufactured in black or off white Nylon 6.6. Available in either off-white or black. Supplied complete with locking nut for mounting on chassis, enclosures, etc.

Provides full protection to IP68 when tightened with a spanner.



PART NO.	DESCRIPTION	PRICE
R07-9887	IP68 CABLE GLANDS M16 BLACK	0.70
R07-9888	IP68 CABLE GLANDS M20 BLACK	0.75
R07-9889	IP68 CABLE GLANDS M25 BLACK	1.00
R07-0401	IP68 CABLE GLANDS M16 WHITE	0.70
R07-0402	IP68 CABLE GLANDS M20 WHITE	0.75
R07-0403	IP68 CABLE GLANDS M25 WHITE	0.97

IP56 WEATHERPROOF MOULDED ENCLOSURES

IP56 Weatherproof Moulded Enclosures – available in 5 popular sizes. Colour – Light Grey



PART NO.	DESCRIPTION	PRICE
V01-9858	IP56 ENCLOSURE 10W X 10D X 5H CM	2.62
V01-9859	IP56 ENCLOSURE 15W X 11D X 7H CM	4.06
V01-9860	IP56 ENCLOSURE 19W X 14D X 7H CM	8.44
V01-9861	IP56 ENCLOSURE 24W X 19D X 9H CM	11.72
V01-9862	IP56 ENCLOSURE 30W X 22D X 12H CM	22.86

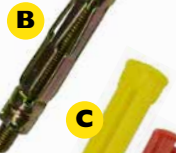
A) PLASTERBOARD SCREW 32MM SIZE 1 PKT100

Ideal for electrical sockets, light switches
Quick and easy to install. Can be used in single or double thickness plasterboard.
No drill required.
Supplied in a pack of 100.



B) CAVITY WALL SCREWS

One piece steel fixing with screw.
Anti-rotation teeth pierce plasterboard to ensure firm anchorage.
Suitable for use in most types of hollow walls, fibreboard, plasterboard and partitions.
Available in two sizes and supplied in a pack of 50. Size 1 - Grip Range 6 - 13mm.
Size 2 - Grip Range 16 - 32mm.



WALL PIN PLUGS

These fixing plugs provide rapid fixing with high pull out values of up to 4.2kN. The plugs are also moulded with protruding side fins which restrict rotation and prevent fall out from overhead holes

C) 5.0mm Yellow Expansion Plugs Pkt 100

These Rawlplug type fixings require a 5mm drill and are suitable for screw sizes No 6 - No 8. Ref: 073142

D) 5.5mm Red Expansion Plugs Pkt 100

These Rawlplug type fixings require a 5.5mm drill and are suitable for screw sizes No 8 - No 10. Ref: 070882

E) 7.0mm Brown Expansion Plugs Pkt 100

These Rawlplug type fixings require a 7mm drill and are suitable for screw sizes No 10 - No 14.



F) WALL PIN PLUGS FOR CABLE CLIPS / NAILS

The pin plug provides the ideal fixing in situations, where the substrate is too hard to take a masonry nail or cable clip. Drill a 5.5mm hole and tap in the pin plug. Supplied in a box 100.



PART NO.	DESCRIPTION	PRICE
R02-2257	A) PLASTERBOARD SCREW 32MM SIZE 1 PKT 100	12.96
R02-2258	B) SIZE 1 - GRIP RANGE 6 - 13MM PKT 50	14.24
R02-2259	B) SIZE 2 - GRIP RANGE 16 - 32MM PKT 50	20.31
R02-2221	C) 5.0MM YELLOW EXPANSION PLUGS PKT 100	0.76
R02-2222	D) 5.5MM RED EXPANSION PLUGS PKT 100	0.85
R02-2223	E) 7.0MM BROWN EXPANSION PLUGS PKT 100	1.00
R02-1393	F) WALL PIN PLUGS FOR CABLE CLIPS / NAILS PKT 100	2.83

FIRE RESISTANT METAL NAIL CLIPS

Metal nail fixing solutions provide a quick and simple way of securing cables to meet the requirements of BS7671, which imposes the use of metal fixings to secure wiring systems within the escape routes of buildings. Suitable for a range of cable sizes, from 4.5mm to 11.0mm diameter. Meets the requirements of BS7671, 3rd Amendment 7th Edition-Available in 4.5, 7, and 11mm, Black or White.



PART NO.	DESCRIPTION	PRICE
R02-1319	FIRE RESISTANT METAL NAIL CLIPS SSNC4.5 BLACK PK 50	4.90
R02-1320	FIRE RESISTANT METAL NAIL CLIPS SSNC4.5 WHITE PK 50	4.90
R02-1322	FIRE RESISTANT METAL NAIL CLIPS SSNC7.0 BLACK PK 50	5.46
R02-1323	FIRE RESISTANT METAL NAIL CLIPS SSNC7.0 WHITE PK 50	5.46
R02-1388	FIRE RESISTANT METAL NAIL CLIPS SSNC11.0 BLACK PK 50	6.44
R02-1389	FIRE RESISTANT METAL NAIL CLIPS SSNC11.0 WHITE PK 50	6.44

LOOSE BOLT ANCHORS

Traditional zinc plated torque controlled expansion anchor for installation of racking, hand rails, barriers and storage systems. Three piece segmented body. Captive expansion cone. Supplied individually.



PART NO.	SIZE	LENGTH	MAX FITTING THICKNESS	DRILL SIZE	PKT SIZE	PRICE
R02-2249	M6	55MM	10MM	10MM	1	0.65
R02-2250	M8	65MM	10MM	14MM	1	0.81
R02-2251	M10	75MM	10MM	16MM	1	1.09
S83-2869	M10	85MM	25MM	16MM	20	0.47
R02-2252	M10	90MM	25MM	16MM	1	1.14

PROJECTION BOLTS

General purpose anchor bolt with projecting stud to support fixture during installation and removal. Excellent tolerance to variation in hole size.



PART NUMBER	SIZE	LENGTH	MAX FITTING THICKNESS	DRILL SIZE	PKT SIZE	PRICE
S83-1854	M6	55MM	10MM	10MM	20	19.95
R02-2253	M6	55MM	10MM	10MM	1	0.58
R02-2254	M8	65MM	15MM	14MM	1	0.75
R02-2255	M10	75MM	10MM	16MM	1	1.35
S83-1773	M10	90MM	30MM	16MM	25	19.90

FUSION CABLE CLIPS FOR ROUND, TWIN AND EARTH CABLES

Plastic, saddle type cable clips with a single captive hardened zinc plated pin, ideal for voice cables. Supplied in packs of 100 in the following sizes in both black and white, with suitability for voice and power cable sizes as shown.



PART NO.	DESCRIPTION	PRICE
R02-8336	3.5MM WHITE (100) 2 PAIR	1.86
R02-8337	3.5MM BLACK (100) 2 PAIR	1.86
R02-8338	4.0MM WHITE (100) 3 PAIR	1.80
R02-8339	4.0MM BLACK (100) 3 PAIR	1.80
R02-8340	5.0MM WHITE (100) 4 PAIR	2.01
R02-8341	5.0MM BLACK (100) 4 PAIR	2.01
R02-8342	6.0MM WHITE (100) 6 PAIR	2.11
R02-8343	6.0MM BLACK (100) 6 PAIR	2.11
S83-0838	CLEAT WIRING 11B BLACK (FOR DROPWIRE)	3.35
R02-8344	7.0MM WHITE (100) 10 PAIR	2.21
R02-8345	7.0MM BLACK (100) 10 PAIR	2.21
R02-8346	8.0MM WHITE (100) 10 PAIR + E	2.40
R02-8347	8.0MM BLACK (100) 10 PAIR + E	2.40
R02-8348	9.0MM WHITE (100) 20 PAIR	2.91
R02-8349	9.0MM BLACK (100) 20 PAIR	2.91
R02-8350	10.0MM WHITE (100) 20 PAIR + E	3.91
R02-8351	10.0MM BLACK (100) 20 PAIR + E	5.01
R02-8352	11.0MM WHITE (100) 30 PAIR	5.01
R02-8353	11.0MM BLACK (100) 30 PAIR	5.01
R02-8354	14.0MM WHITE (50) 40 PAIR + E	9.34
R02-8355	14.0MM BLACK (50) 40 PAIR + E	9.34
R02-8356	16.0MM WHITE (50) 50 PAIR + E	9.50
R02-8357	16.0MM BLACK (50) 50 PAIR + E	9.50
CABLE CLIPS FOR TWIN AND EARTH		
R02-9883	1.0MM TWIN & EARTH CLIP PKT 100	3.45
R02-2276	1.5MM TWIN & EARTH CLIP PKT 100	3.55
R02-2277	2.5MM TWIN & EARTH CLIP PKT 100	3.66
R02-9884	4.0MM TWIN & EARTH CLIP PKT 100	3.76
R02-9885	6.0MM TWIN & EARTH CLIP PKT 100	3.86

A) CATENARY WIRE KIT

A comprehensive kit required for overhead cabling, comprising:

- 50m length 3.0mm catenary wire
- 8mm tad hook/eye (turnbuckle)
- 1 x closed 50mm hook plate
- 1 x open 50mm closed plate
- 4 x 3mm wire grip
- 2 x 3mm wire thimbles

B) CATENARY WIRE CUTTER

For the cutting of wire rope up to a maximum diameter of 5mm and spring wire up to 1.5mm diameter. Length 190mm.



PART NO.	DESCRIPTION	PRICE
R02-7028	A) CATENARY WIRE KIT	23.05
E00-6861	B) MILLS HEAVY DUTY FIBRE CABLE CUTTER	26.48

50M X 3MM CATENARY WIRE AND 8MM TAD HOOK/EYE (TURNBUCKLE)

PART NO.	DESCRIPTION	PRICE
R02-7020	A) 50M X 3MM CATENARY WIRE	14.28
R02-7021	B) TAD HOOK/EYE TURNBUCKLE	3.38

M8 EYEBOLT

PART NO.	DESCRIPTION	PRICE
R02-7024	M8 EYEBOLT	3.31

50MM HOOK PLATES

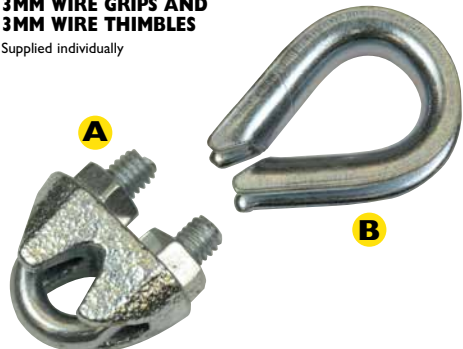
Available open or closed



PART NO.	DESCRIPTION	PRICE
R02-7022	A) 50MM HOOK PLATE OPEN	2.41
R02-7023	B) 50MM HOOK PLATE CLOSED	2.27

3MM WIRE GRIPS AND 3MM WIRE THIMBLES

Supplied individually



PART NO.	DESCRIPTION	PRICE
R02-7026	A) 3MM WIRE GRIPS EACH	0.56
R02-7027	B) 3MM WIRE THIMBLES EACH	0.56

Intumescent Fire Products

When it comes to fire protection, every risk must be considered to ensure loss of life and property are kept to a minimum. While many people are aware of the importance of fire barriers in preventing or delaying the spread of fire, they do not always consider the effects of breaching the fire barrier, perhaps so that electrical or network cabling or other services can pass through.

Installers have an obligation to ensure that running cables, trunking etc. through walls doesn't compromise the fire resistance of that wall. IEE Regulations state that where cables, conduits, trunking or other items of wiring systems pass through walls, floors or ceilings, any part of the hole that is left around the material shall be made good to the same degree of fire resistance as that required for the element being passed through.

Mills offer a range of products to ensure that gaps and holes can be filled to help prevent the spread of fire. Intumescent products work by expanding to tightly fill any gaps or holes when attacked by fire, preventing fire spreading along cable routes.

“OUR RANGE OF INTUMESCENT FIRE PRODUCTS PROVIDES THE SOLUTION TO MEETING IEE REGULATIONS”

FSI S-LINE INTUMESCENT FIRE PILLOWS

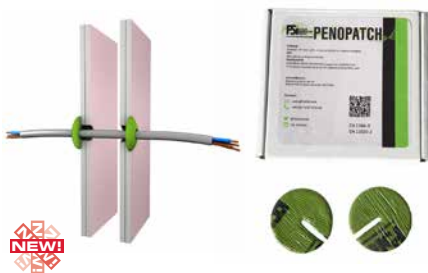
S-Line® Fire Pillows are an ideal product to create a temporary or permanent fire barrier around many types of services to prevent the passage of fire through a compartment wall or floor.



PART NO.	DESCRIPTION	PRICE
S00-9318	FSI S-LINE FIRE PILLOW 330 X 200 X 20MM	3.10
S00-9319	FSI S-LINE FIRE PILLOW 330 X 200 X 25MM	4.21
S00-9320	FSI S-LINE FIRE PILLOW 330 X 200 X 45MM	5.64

FSI NS PENOPATCH CIRCULAR DISCS

FSI's PenoPatch is a putty based penetration sealing device for small cables and conduits in flexible and rigid walls. Tested to EN 1366-3.



PART NO.	DESCRIPTION	PRICE
S00-9314	FSI NS PENOPATCH 100 X 4MM DISC	2.75
S00-9316	FSI NS PENOPATCH 60 X 4MM DISC	1.75

FSI SEALANTS

Pyrocoastic® Sealant is a water based acrylic sealant used to reinstate the fire resistance of wall and floor constructions where apertures are penetrated by multiple services and linear gap seals where wall and floor constructions abut.

Pyrolastic® Fire Resistant Silicone is used to seal linear joints in floor and wall constructions to reinstate the fire resistance performance.



PART NO.	DESCRIPTION	PRICE
S00-9312	A) FSI PYROCOASTIC SEALANT 310ML	1.43
S00-9313	B) FSI PYROLASTIC SEALANT 310ML	5.79

FSI NS PUTTY TUB

Solvent-free intumescent putty for creating a fire barrier of up to 240 minutes. Designed as a joint filler and sealer for use in penetration seals. Will remain flexible and allow for the thermal and mechanical movement of services around complex and irregular shapes through walls or floors.



PART NO.	DESCRIPTION	PRICE
S00-9328	FSI NS PUTTY TUB 1KG	20.20

FSI PIPEBLOC EL ROLL

Pipe collar wrap, designed and tested to seal service penetration apertures which contain plastic and metallic pipes with insulation. Formulated with thermoplastic composites and based on reactive graphite intumescent technology.



PART NO.	DESCRIPTION	PRICE
S00-9317	FSI PIPEBLOC EL ROLL 25 METRE	113.93

Test Equipment



- Cable Avoidance Tools
- Cable Certifiers
- Cable Qualifiers
- Cable Tracing Tone & Probes
- Coax Testers
- Cordsets & Adaptors
- Electrical Testers
- Multimeters
- Network Testers
- Static Safe Equipment
- TDRs
- Telecoms Testers
- Test Telephones
- Wiremap Testers

TEMPO COMMUNICATIONS

With over 25 years in this market, Tempo is un-rivalled throughout the world with products designed for ruggedness and use in extreme weather conditions. Through customer feedback and matching the technical innovation within the telecommunication industry, Tempo has adapted butt sets to be used for basic telephony through to the latest DSL circuits.



'Tempo should be the first choice when choosing a Butt set for any application!'

TEMPO
COMMUNICATIONS

TEMPO BUTT SET SELECTION CHART

	DigAlert 361 C00-4270	DigAlert 350 C00-4269	Alert 340 C00-5052	Compact DSP C00-5043	TM-500 C00-3493	TM-700 C00-4435
DSL Compatible	*	*	*	*	*	*
Voltage Detection (DSP)	*	*	*	*	*	*
Data Detection	*	*	*	*	*	*
Tone & Pulse Dial	*	*	*	*	*	*
Last Number Redial	*	*	*	*	*	*
Timed Break Recall (Flash)	*	*	*	*	*	*
Microphone Mute	*	*	*	*	*	*
Talk & Monitor Mode	*	*	*	*	*	*
Polarity Test	*	*	*	*	*	*
Low Battery Indicator	*	*	*	*	*	*
High Impedance Monitor	*	*	*	*	*	*
Hands Free Operation	*	*	*	*	*	*
Intercomm Mode	*	*	*	*	*	*
LCD Display	*	*	*	*	*	*
Caller ID	*	*	*	*	*	*
Call Waiting Caller ID	*	*	*	*	*	*
Missed Call Indication	*	*	*	*	*	*
Line Voltage & Current Display	*	*	*	*	*	*
IP 67 Waterproof Design	*	*	*	*	*	*
3 Year Warranty	*	*	*	*	*	*

TEMPO COMPACT DSP TEST SET

Low cost compact test set featuring the unique "Digital Services Protection" design feature which allows the tester to be used safely in a mixed analogue and digital services network.

Features:

- Low cost, fully featured test set
- 'DSP' protection against dropping a digital line
- Main cross protection
- Over voltage and current protection
- Auto power off
- Rugged belt clip
- Hands free via headset
- Drop test compliant - 3 metres
- 1 year warranty
- Supplied complete with croc clip cord and BT modular plug



TEMPO
COMMUNICATIONS

TEMPO COMPACT DSP AND PTS CABLE TRACER KIT

A Great Value Package Comprising the Compact DSP Test Set (C00-8721) and the PTS Cable Trace Kit (C00-1205) as shown on Page 454.

The Compact DSP Test Set from Tempo features 'Digital Services Protection' and is designed to operate safely in situations where telephone wiring may be carrying digital traffic, voltage feed to remote electronics or the hazardous voltages that result from fault conditions or misuse of the cable.

The PTS tone and probe cable trace kit from Tempo is a toner kit designed for identifying and tracing wires or cable within a group without damaging the insulation. Supplied in a sturdy cordura twin-pocket pouch.



PDF
Datasheet available online

TEMPO
COMMUNICATIONS

PART NO.	DESCRIPTION	PRICE
C00-5043	TEMPO COMPACT DSP TEST SET	85.64

PART NO.	DESCRIPTION	PRICE
C00-8721	TEMPO COMPACT DSP AND PTS CABLE TRACER KIT	125.05

TELE-MATE TM-500

The Tempo Tele-Mate TM-500 and TM-700 are user friendly butt sets with a durable, high impact casing. Tele-Mate® Series Telephone Test Sets.

'Easy to Use, DSL Compatible Telephone Test Sets.'

The TM-500 superseded the DSTS2 Test Telephone and can be used safely on DSL lines. It is supplied with a BT Plus Cord. The TM-700 has all the features of the TM-500 and in addition has a LCD Screen which makes reading polarity, current, voltage and ringing frequencies easier. It clearly shows speed dials for faster access.



Features:

- Over voltage and over current protection
- Tone or pulse dialling available
- Mute function available
- Luminescent keypad
- Storage of up to 10 telephone numbers
- Last Number Redial option available
- Impact resistant
- Flash to generate a timed break recall



PART NO.	DESCRIPTION	PRICE
C00-3493	A) TELE-MATE TM-500	114.30
C00-4435	B) TELE-MATE TM-700	193.77

NAUTILUS TEST TELEPHONES

Nautilus range products are designed for a longer operational life and reduced in service maintenance costs. Nautilus products have been subjected to a variety of tests including being submerged in water for up to 30 minutes, vibration, shock, bump, free-fall and impact, simulating transport and everyday knocks. We are so confident in these products, we extend the warranty to three years on our Nautilus range (excludes wear and tear, e.g. cordsets or abuse).

The Nautilus phones can be purchased in 3 models:

- A) Tempo Butt-In test Set Alert 340 (C00-5052)
- B) Tempo Digalert 350 (C00-4269)
- C) Tempo Digalert 361 (C00-4270)

A) TEMPO BUTT-IN TEST SET ALERT 340

The Alert 340 from Tempo is a professional butt-in test telephone in robust case sealed to IP67 standards and supplied with 3 year warranty. With loudspeaker function. Supplied with twin banana plugs/removable croc clips, cord.

Features:

- Three year warranty
- Digital circuit safety
- Excessive voltage alarm
- Automatic lock-out
- Loudspeaker listening
- Volume boost
- Microphone mute
- Confirmatory key beeps
- Talk/Monitor status LED
- Battery low audible tone
- Tone/pulse, redial (10 x 24 memories)
- Super Hi X Polarity
- Super Hi Z Monitor
- Warble ringer
- Four selectable ringer tones
- High impact resistance
- High chemical resistance
- Quick change cord
- Quick change battery
- Easy shoulder placement
- Rugged belt clip



Datasheets available online

3 YEAR GUARANTEE

FEATURES LOUDSPEAKER AS STANDARD

B) TEMPO DIGALERT 350

Tempo Digalert 350 (C00-4269) Also known as 300C Ref: 026578.

C) TEMPO DIGALERT 361

The Digalert 350 and 361 from Tempo are professional test butts used by leading Telcos globally and designed to ease the evolution from old analogue to the new digital age and featuring Digalert, a unique signal monitoring system which alerts the operator when digital traffic is present, preventing the possibility of dropping a digital line or circuit. Both test butts have identical features, but the Digalert 361 (C00-4270) is a two way hands free version which also features an ADSL type filter that allows it to work on an ADSL line without affecting data transmission.

Features:

- Three year warranty
- Digital circuit safety
- Excessive voltage alarm
- Automatic lock-out
- Loudspeaker listening
- Volume boost
- Microphone mute
- Confirmatory key beeps
- Talk/Monitor status LED
- Battery low audible tone
- Tone/pulse, redial (10 x 24 memories)
- Super Hi X Polarity
- Super Hi Z Monitor
- Warble ringer
- Four selectable ringer tones
- High impact resistance
- High chemical resistance
- Quick change cord
- Quick change battery
- Easy shoulder placement
- Rugged belt clip



Datasheets available online

PROOF TESTED TO IP67

3 YEAR GUARANTEE

AS SUPPLIED TO BRITISH TELECOM "TELE300"

FEATURES LOUDSPEAKER AS STANDARD

D) BT LEAD FOR DIGALERT 350 TEST BUTT



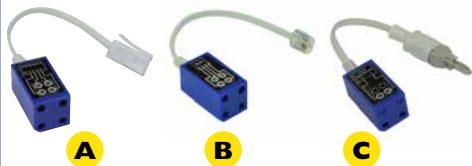
PART NO.	DESCRIPTION	PRICE
C00-5052	A) TEMPO BUTT-IN TEST SET ALERT 340	156.40
C00-4269	B) TEMPO DIGALERT 350	126.96
C00-4270	C) TEMPO DIGALERT 361	246.88
C00-4382	D) BT LEAD FOR DIGALERT 350 TEST BUTT	6.34

TEST EQUIPMENT



CORDSETS

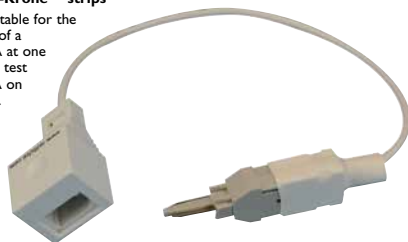
Test cordsets available in three styles to allow connection of standard 4mm banana plugs to Krone®, BT and RJ11 connectors.



PART NO.	DESCRIPTION	PRICE
C00-5988	A) TEST CORD SET BT	6.84
C00-4443	B) TEST CORD SET RJ11	7.96
C00-4442	C) TEST CORD SET KRONE®	23.48

CORDSET 6/10B 1 PLUG 244A**(2 pole) -Krone™ strips**

A Jack suitable for the insertion of a Plug 631A at one end and a test plug 244A on the other.



PART NO.	DESCRIPTION	PRICE
C29-0547	CORDSET 6/10B (2 POLE)	7.07

DISCONNECTION CORDSET 6/10D (2 POLE)

A Jack suitable for the insertion of Plug 631A on one end and a test plug on the other. In addition, an earth wire is brought out and terminated on a crocodile clip.
For use on Strips Connection 237A.

PART NO.	DESCRIPTION	PRICE
C29-0552	DISCONNECTION CORDSET 6/10D (2 POLE)	7.75

MONITORING CORDSET 6/10D (4 POLE)

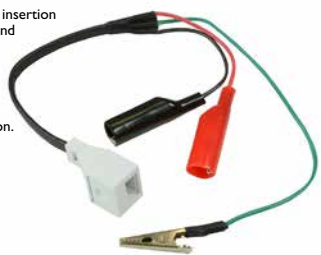
A Jack suitable for the insertion of Plug 631A on one end and a test plug on the other. In addition, an earth wire is brought out and terminated on a crocodile clip.
For use on Strips Connection 237A.



PART NO.	DESCRIPTION	PRICE
C29-0553	MONITORING CORDSET 6/10D (4 POLE)	10.95

CORDSET 6/10E 3 CROC CLIPS FOR GENERAL USE

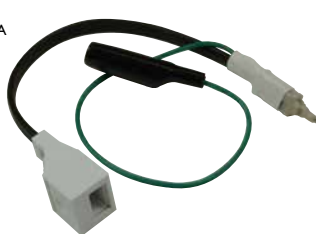
A Jack suitable for the insertion of Plug 631A on one end and three crocodile clips on the other. The third wire is for an earth connection, required for checking "Feature Calling" option.



PART NO.	DESCRIPTION	PRICE
C29-0548	CORDSET 6/10E	11.63

CORDSET 6/10K 2 POLE CORDSET

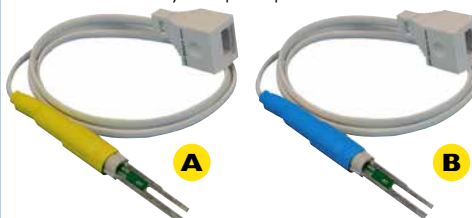
A Jack suitable for the insertion of a Plug 631A on one end and a test plug for use on low profile 10 pair Strip Connection 241B as used in Box Connections 201C.



PART NO.	DESCRIPTION	PRICE
C29-0549	CORDSET 6/10K (2 POLE)	11.30

CORDSET P 2 WAY FOR POUYET® STRIP

Test cords for use on Pouyet® 10 pair Strip Connections.



PART NO.	DESCRIPTION	PRICE
C29-0546	A) DISCONNECTION CORDSET P 2 POLE	8.29
C29-0545	B) MONITORING CORDSET P 4 POLE	8.29

CORDSETS SID

Available in 2 or 4 pole. Test cords for use on SID low-profile 10 pair Strip Connections. Earth lead allows for checking "Feature Calling" option.



PART NO.	DESCRIPTION	PRICE
C29-0551	A) DISCONNECTION CORDSET SID 2 POLE	10.54
C29-0550	B) MONITORING CORDSET SID 4 POLE	11.36

CORDSET URLS

Single pair lead for series 3 cabinet boxes.



PART NO.	DESCRIPTION	PRICE
C00-4182	URLS CORDSET	41.09

CORDSET RLS50



PART NO.	DESCRIPTION	PRICE
C29-0554	CORDSET RLS50	22.22

3M STYLE TEST CORDSET



PART NO.	DESCRIPTION	PRICE
C29-2874	3M STYLE CORDSET	15.64

TEST CORD 2 POLE BANANA TO KRONE PLUG

CommScope 237 Connection Test Cord used for interconnecting and testing of circuits on 237 style modules.



PART NO.	DESCRIPTION	PRICE
C29-4465	2 POLE BANANA SOCKETS TO KRONE PLUG	15.09

TEST CORD LSA-PLUS NT TEST CORD 2 POLE

7014 2 003-00 LSA-PLUS® NT test cord, 2 pole

Designed for disconnection and connection modules LSA-PLUS/LSA PROFIL NT, 2-pole parallel access.

- Length: 0.2m



PART NO.	DESCRIPTION	PRICE
C00-7252	LSA-PLUS NT TEST CORD 2 POLE	24.30

TEST CORD LSA-PLUS NT TEST CORD 4 POLE

LSA Plus HD180 & LSA Plus NT 4 Pole Test Cord - NT Plug to 4 Pole Female Banana Plug Socket

For use on HD180 and NT Modules

- Length 0.2m



PART NO.	DESCRIPTION	PRICE
C00-7253	LSA-PLUS NT TEST CORD 4 POLE	24.67

TOOLLESS ADAPTOR CORDSET LSA-TL

A 4 pole test adaptor for use on LSA-TL 10 Pair Disconnection Modules, allowing the user to easily test confidentially in both directions without removing jumpers.

Ref: 082604



PART NO.	DESCRIPTION	PRICE
C00-1628	CORDSET 10 PAIR DISCONNECTION MODULE	22.61

4MM INLINE SOCKET ADAPTOR KIT FOR TOOLLESS ADAPTOR CORDSET

A set of 4mm Banana plugs comprising 2 x red and 2 x black for use in conjunction with C00-1628 Toolless Adaptor Cordset LSA-TL 10 Pair Disconnection Module.

Ref: 084249



PART NO.	DESCRIPTION	PRICE
C00-1629	4MM INLINE SOCKET ADAPTOR KIT	4.07

TEST EQUIPMENT

CLIP TEST 38A

A general purpose crocodile clip.



PART NO.	DESCRIPTION	PRICE
S83-0933	CLIP TEST 38A	0.37

REPLACEMENT TEST LEAD SET FOR SA9083

Replacement cordset for use with the Tester SA9083.



PART NO.	DESCRIPTION	PRICE
C72-7632	REPLACEMENT TEST LEAD SET FOR SA9083	20.86

ADAPTOR TEST 15A

A test cord for use with BIX connectors with 4mm terminals.



PART NO.	DESCRIPTION	PRICE
S83-7413	ADAPTOR TEST 15A	17.46

MILLS ADAPTOR TEST 17A

This cord set is used on 3M modules, supplied with ring terminals.



PART NO.	DESCRIPTION	PRICE
S83-7577	MILLS ADAPTOR TEST 17A	35.96

MILLS ADAPTOR TEST 48A

Test adaptor for use on old types of block terminals.



PART NO.	DESCRIPTION	PRICE
S83-6959	MILLS ADAPTOR TEST 48A	21.03

MILLS ADAPTOR TEST 51A

Test adaptor for use on Boc Connections 18/19A.



PART NO.	DESCRIPTION	PRICE
S83-4450	MILLS ADAPTOR TEST 51A	13.30

MODULAR ADAPTOR RJ45 (ADAPTOR TEST 50A)

Modular adaptor RJ45. Similar to model 3A but for RJ45 modular plugs.



PART NO.	DESCRIPTION	PRICE
C00-1574	MODULAR ADAPTOR RJ45	19.11

MILLS MODULAR ADAPTOR BT PLUG

Modular adaptor 3A BT plug. To make connections when no access to bare copper or terminals is available.



PART NO.	DESCRIPTION	PRICE
C00-0556	MODULAR ADAPTOR BT PLUG	5.78

LINE CORD 300A

Field replaceable serpentine test leads for Test Telephone.



PART NO.	DESCRIPTION	PRICE
S83-3659	LINE CORD 300A	15.24

BT LEAD FOR DIGALERT 350 TEST BUTT

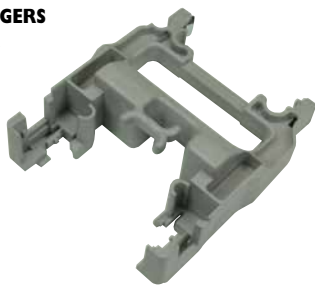
Replacement BT type lead for the DIGALERT 350 Test Telephone.



PART NO.	DESCRIPTION	PRICE
C00-0655	BT LEAD FOR DIGALERT 350	6.34

OUTRIGGERS

Wiring aids.



PART NO.	DESCRIPTION	PRICE
C00-3522	KRONE™ OUTRIGGER 25A	25.36

RJ11 SOCKET TO RJ45 PLUG ADAPTOR

An adaptor to enable an RJ11 plug to be connected to an RJ45 socket. Designed specifically for use with Tone and Probe cable tracing kits that commonly have RJ11 plugs on the tone oscillators to prevent the damage that often occurs when an RJ11 plug is inserted directly into an RJ45 socket.



PART NO.	DESCRIPTION	PRICE
T70-4807	RJ11 SOCKET TO RJ45 PLUG ADAPTOR	POA

FUSION TELEPHONE AND MODEM ADAPTORS



PART NO.	DESCRIPTION	PRICE
T70-0759	(A) RJ45 ADAPTOR CAT 5E	1.82
T70-2610	(B) BT DOUBLER	0.98
T70-2527	(C) BT QUADRUPLER	1.98
T70-2611	(D) PRIORITY ADAPTOR	3.20
T70-6976	(E) RJ11 FEMALE TO BT MALE	0.74
T70-2519	(F) BT FEMALE TO RJ11 MALE	0.79
T70-2531	(G) ADSL ANTI SURGE FILTER	1.98
T70-2528	(H) BT MALE TO BT/RJ11 FEMALE	0.72

TEST EQUIPMENT

STONE AND PROBE CABLE TRACER KIT - PTS

A low cost Tone and Probe Kit designed for identifying and tracing wires or cables within a group without damaging the insulation. Supplied in sturdy condura zip around pouch. The kit comprises:-

PTS 100 Tone Tracer Probe

- Works with any oscillator 500Hz to 1.2kHz.
- Sensitivity control 30dB adjustment.
- Easy push button operation.
- Water and dust resistant.
- Built in loudspeaker.

PTS 200 Mini Oscillators

- Output level – 3.0dBm + 0.3dBm.
- Frequency 1004Hz + 100Hz sweep tone.
- Sweep rate = 6 Hz nom.
- Polarity/voltage test to >1500V at 50V.
- Resistance test to >1000V.

Requires two PP3 batteries



TEMPO
COMMUNICATIONS

PART NO.	DESCRIPTION	PRICE
C00-1205	CABLE TRACER KIT PTS	59.94
M99-1203	PP3 BATTERY PKT I	2.04

CABLE TRACING KIT

Tone generator which offers a convenient choice between continuous or alternating tones and a 3 colour LED display which indicates correct polarity, reverse polarity, the presence of AC, as well as continuity.

Also included is the amplifier probe with adjustable sensitivity levels which lets you zero in on cable groups, pairs and individual wires.

Supplied in sturdy condura zip around pouch.

Requires 2 x PP3 9V batteries.

TEMPO
COMMUNICATIONS



PART NO.	DESCRIPTION	PRICE
C00-1554	CABLE TRACING WALLET KIT	106.58
M99-1203	PP3 BATTERY PKT I	2.04

TEMPO COMMUNICATIONS NEW NAUTILUS TONE TRACER KIT

Designed to help technicians install, service, and maintain voice, data, and video (VDV) services with ease, the Tempo Communications 500XP Pair Tracing Probe gets the job done faster, safer and easier.

- 600J Tone Generator.
- 500XP Precision Filter Probe.
- Heavy duty wallet.
- Test cord set.
- ACAlert™ Voltage Detection: Emits audible and visible alerts if brought near wires that have AC mains power voltage.
- Mains Hum Filtering: Eliminates hum noise, so you can focus on tracing the correct wire.
- Nautilus® Environmental Protection: Environmentally protected against dust and moisture. Drop and Crush resistant.

3 YEAR
GUARANTEE



TEMPO
COMMUNICATIONS

PART NO.	DESCRIPTION	PRICE
C00-4352	MILLS TEMPO NAUTILUS TONE TRACER	141.05

LAN TONE AND PROBE KIT

This kit can be used on any wiring system including Datacom, Telecom, Security/Alarm, Audio and CATV. Designed for network installation and maintenance, the LAN Toner has the unique feature of sending tone in addition to blinking hub, switch port, and PC activity lights for fast identification. Supplied in sturdy condura zip around pouch.

- Trace wires and perform basic testing on LAN cabling.
- Blink Hub, Switch Port and PC activity lights for fast identification.
- Tone Generator and modular breakout adaptor.
- Send tone, check continuity and test polarity on any pair.
- Adjustable volume probe with visual signal indicator.
- Special probe tip protects against damage to sensitive electronics.



TEMPO
COMMUNICATIONS

PART NO.	DESCRIPTION	PRICE
C00-8935	LAN TONE AND PROBE KIT	157.49

CATV CABLE TONE TEST SET

Designed specifically for the CATV industry. Now you can tone through splitters, directional couplers and traps. No more long delays trying to figure out non-tagged or mis-tagged cable drops.

- Transmitter and receiver are equipped with female F-connectors.
- Kit provides both audible and LED test and tone indications.
- As a continuity tester, the product provides both audible tone and LED display to indicate resistance levels.
- Identifies the presence of AC or DC voltage on the cable under test.
- Each kit contains: one transmitter, one receiver, one male F-to-F connector adaptor cable, one male F-to-alligator clip adapter cable, and a carrying pouch.
- 1-year warranty.
- Battery-operated (2 x 9V not included).

PDF
Datasheet
available online



TEMPO
COMMUNICATIONS

PART NO.	DESCRIPTION	PRICE
C00-4391	CATV CABLE TONE TEST KIT	150.92
M99-1203	PP3 BATTERY PKT I	2.04

SECURITY & ALARM TRACING KIT

- Traces Security and Alarm wiring for easy identification.
- The choice of industry professionals.
- Quickly confirms switch function.
- Locate intermittent faults.

TEMPO
COMMUNICATIONS



Designed specifically for the Security and Alarm industry, this kit offers convenience, ease of use, and true performance. As a Continuity tester, it can be connected to a normally open or normally closed loop pair and provides a distinct audible tone when the alarm condition occurs. The Latching feature provides a simple method for identifying intermittent failures and confirming operation of switches at remote locations. In the latching mode the tracer will latch the alarm condition and continue sounding until the tester is reset.

As a tone generator, the unit provides a traditional variable tone that can be applied using the 24" test leads or the RJ11 connector.

A convenient magnetic plate allows the product to be mounted directly to the control panel cabinet or door.

PART NO.	DESCRIPTION	PRICE
C00-5055	SECURITY AND ALARM TRACING KIT	162.14
M99-1203	PP3 BATTERY PKT I	2.04

A) TESTER 132J KIT

A combined tone & probe kit designed for underground cable tracing, cable verification and cable-pair proving.

The Kit includes:

Due to its revolutionary design, the CTS 132J enables the user to:

- Oscillator 600J – tone generator.
- CTS Amplifier – tone detector.
- Probe 5B – inductive probe for pair identification.
- Search Coil 3A – search coil for cable identification.
- Receiver Headgear 17B – headset (provided with banana plugs and no longer needs adaptor).
- Connecting Cables.



B) INDUCTIVE SEARCH COIL 3A

Coil tuned to 1kHz frequency of 87J. Designed to give Null when held vertically over target cable. Excellent for:

- Tracing UG cable routes.
- Cable verification.

Used with Tester 132J.

C) COAXIAL CONNECTING CORD

Connects the search coil/probe to the amplifier. Quality RF connectors eliminate unwanted noise from reaching headset. Used with Tester 132J.

A



AS SUPPLIED TO BT

TEMPO COMMUNICATIONS

PART NO.	DESCRIPTION	PRICE
C00-1331	A) TESTER 132J KIT	317.06
C00-3665	B) INDUCTIVE SEARCH COIL 3A	61.84
C00-3666	C) COAXIAL CONNECTING CORD	10.90

A) RECEIVER HEADGEAR 17B

Lightweight & robust headset delivers audio signals from Amp 109K to the user. Terminates on 2 4mm banana plugs to connect to CTS Amplifier.



PART NO.	DESCRIPTION	PRICE
C00-1720	A) TEMPO RECEIVER HEADGEAR 17B	26.43
C00-3664	B) HEADSET 7A	48.82

B) HEADSET 7A

Active headset enables hands free operation for cable jointers when used with Field Telephone (Tapper) during cable change over.



C) SINGLE EARPIECE FOR TEMPO TONE TRACERS WITH 3.5MM JACK

A single earpiece for hands free operation with Tempo 402K (C00-4391) and 701k (C00-1554) toners in noisy environments.



PART NO.	DESCRIPTION	PRICE
C00-6999	C) SINGLE EARPIECE FOR TEMPO TONE TRACERS WITH 3.5MM JACK	10.25

TEMPO COMMUNICATIONS

TEMPO COMMUNICATIONS 500XP PRECISION FILTER PROBE

TEMPO COMMUNICATIONS

Designed to help technicians install, service, and maintain voice, data, and video (VDV) services with ease, the Greenlee Communications 500XP Pair Tracing Probe gets the job done faster, safer, and easier.

- ACAlert™ Voltage Detection: Emits audible and visible alerts if brought near wires that have AC mains power voltage.
- Mains Hum Filtering: Eliminates hum noise, so you can focus on tracing the correct wire.
- Nautilus® Environmental Protection: Environmentally protected against dust and moisture. Drop and Crush resistant.
- Dust Resistance IP67 Rated.
- Water Resistance IP67 Rated.
- Three Year Limited Warranty.



PART NO.	DESCRIPTION	PRICE
C00-4599	TEMPO COMMUNICATIONS 500XP PRECISION FILTER PROBE	55.50
C00-1721	TEMPO REPLACEMENT HEADSET	6.40

COMPREHENSIVE RANGE OF CABLE AVOIDANCE EQUIPMENT

SEE PAGES 460,461 AND 462



TEST EQUIPMENT

MULTIMETER SA9083

- This tester is primarily intended for use by telephone engineers in maintenance testing.
- DC volts: 0-250V, 3 ranges
- AC volts: 0-250V
- DC count 0-50mA, 2 ranges
- Resistance: 0-5mOhms, 3 ranges
- Dimensions: 146 x 95 x 60mm
- Requires 1 x 9V PP3 battery (M99-1203) not included.



A



B

PDF
Datasheet
available online

PART NO.	DESCRIPTION	PRICE
C72-3001	A) MULTIMETER SA9083	164.80
C72-7632	B) SPARE TEST LEADS	20.86
M99-1203	PP3 9 VOLT BATTERY	2.04

A) LOW COST TESTER 430A

A basic, easy to use, tester that detects the presence of signals at the 2 & 8 Mbps ports on DDF's. The presence of a signal is indicated by the illumination of an LED in the body of the tester.



A

B

B) TESTER 430B

Detects the presence of digital signals between 2 and 155 Mbps. The presence of a signal is indicated by the illumination of an LED in the body of the tester.

PART NO.	DESCRIPTION	PRICE
C00-7003	A) LOW COST TESTER 430A	51.13
C00-7970	B) TESTER 430B	64.84

POCKET COAX TESTER

The pocket coax tester is designed to assist in fault finding, cable identification and DC continuity testing in coaxial cables. It will also indicate if a coax cable has a DC supply present (warning max voltage 18V DC).



PDF
Datasheet
available online

PART NO.	DESCRIPTION	PRICE
C00-8780	POCKET COAX TESTER	14.18

TEMPO SIDEKICK PLUS STANDARD TEST KIT

The Sidekick Plus Standard Copper and DSL Test Set helps technicians diagnose and troubleshoot problems with twisted pair cable. Easily install, qualify, and maintain DSL services.

- Saves time. Easy-to-use mode selection dial and operation - minimizes training needs and saves time on the job.
- No modules needed - Advanced cable diagnosis and troubleshooting in a single test set.
- Advanced Dual Trace Pulse TDR (Zero Dead Zone).
- Resistive Fault Locator (Detects up to 20MΩ).
- I GΩ Leakage Test (Insulation Resistance).
- Longitudinal Balance Test.
- Ground Resistance Test.
- Quite Line Noise (QLN) Test.
- Stress Test.
- AC/DC Voltage.
- Resistance.
- Open Meter.
- Loop Current.
- Circuit Loss.
- Tracing Tone Generator.
- Reference Tone.



TEMPO COMMUNICATIONS

PART NO.	DESCRIPTION	PRICE
C00-1324	TEMPO SIDEKICK PLUS STANDARD TEST KIT	1741.96

TEMPO SIDEKICK PLUS WIDEBAND & VDSL ADSL

The best copper tester just got better!

- Saves time. Easy-to-use mode selection dial saves time on the job.
- Versatile. From tone generation to fault location, the Sidekick Plus does it all.
- Fully loaded. The Sidekick Plus ADSL / VDSL comes complete with all you need to perform service tests on DSL networks.
- Showtime - When connected, the status bar indicates the profile used to make the connection. The physical link characteristics are shown in the Showtime table.
- Line Failure Monitor - The Line Failure page shows the event counters and updates continuously.
- Bits per tone - The Bits graph shows the actual number of bits that are carried over each separate channel (frequency).
- HLOG Data - The HLOG graph shows the attenuation per channel (frequency) between the DSLAM and the modem.



TEMPO COMMUNICATIONS

PART NO.	DESCRIPTION	PRICE
C00-7343	TEMPO SIDEKICK PLUS WIDEBAND & VDSL ADSL	4129.30

TEST EQUIPMENT



A) FAULTCASTER

Digital TDR Cable Length Meter & Fault Locator - Ideal for stock checking!

- Low cost full specification Professional Digital TDR.
- Measures distance to open or short circuit faults.
- Extended measuring range to 2000m (6000ft) on all cable types.
- Fast-edge step TDR technology for improved range and resolution.
- Voltage warning and test inhibit.
- Built in tone generation for pair tracing and identification.
- Rugged and compact – 350g (12 oz) water and dust proof to IP54.
- Complete with tool-belt holster and test leads.
- Uses 4 x 1.5v AA batteries (included).



C) TX6000 TDR - GRAPHICAL TIME DOMAIN REFLECTOMETER & TONER CABLE FAULT LOCATOR

- 6Km Range TDR/Toner with usb 2.0 Interface & TraceXtra Software to Download/Analyse Traces
- Full specification professional graphical TDR.
 - USB 2.0 interface with Windows compatible TraceXtra software to download/analyse traces.
 - 11 Measurement ranges up to 6000m (6km).
 - 25, 50, 75 & 100 Ohm selectable cable impedance.
 - Memory capacity up to 50 saved traces.
 - Built in tone generator for pair tracing and identification.
 - Suitable for testing all communication and power cables.
 - Environmental protection IP54.
 - Soft bag & test leads.
 - Now USB Plug n Play!
 - Uses 4 x 1.5v AA batteries (included).



B) TX2002 TDR - TIME DOMAIN REFLECTOMETER AND TONER CABLE FAULT LOCATION

64 x 128 Graphical TDR/Toner with 1% Accuracy

- Low cost full specification professional graphical TDR.
- Rugged palm-top design weighs less than 350g (12 oz).
- 5 Measurement ranges up to 3500m (11,700 ft).
- 50, 75 & 100 Ohm selectable cable impedance.
- Built-in tone generator for pair tracing and identification.
- Suitable for testing all communication cables.
- Water and dust proof to IP54.
- Complete with tool-belt holster and test leads.
- Scan Lock.
- Uses 4 x 1.5v AA batteries (included).



D) BNC - CROCODILE CLIP LEAD FOR TX SERIES TDRS 0.5M

BNC - Crocodile Clip Lead for C00-8125 TX2002 and C00-6692 TX2003 TDR cable fault locators. Length: 0.5m



PART NO.	DESCRIPTION	PRICE	PART NO.	DESCRIPTION	PRICE
C00-1338	A) FAULTCASTER - TDR	229.77	C00-1697	D) BNC - CROCODILE CLIP LEAD - TX SERIES	13.47
C00-8125	B) TX2002 CABLE FAULT LOCATOR/TDR	396.16	M99-6820	LR6 MNI500 AA BATTERY PACK OF 2	1.18
C00-1340	C) TX6000 CABLE FAULT LOCATOR/TDR	673.47			

TX8000 TIME DOMAIN REFLECTOMETER

The TX8000 is a 6Km range Time Domain Reflectometer housed in a rugged over moulded case being water proof to IP67 and drop resistant, designed for outdoor use, but sufficiently small and light weight for general use and may be operated using one hand.

Using a 3.5-inch QVGA colour display information is clearly displayed; an illuminated keypad makes the TX8000 ideal for use in poorly lit areas. Using 11 range scales with a first range of 7 meters near end faults are clearly visible.

Using the scan hold function faults may be retained on screen for closer examination or when in scan mode intermittent faults may be easily identified. By using the trace hold and compare feature the current trace may be displayed and compared with a new trace.

The user variable gain function allows small events on the wave form to be magnified for clearer identification. With dual cursors, each cursor giving its length measurement and a differential distance between cursors, the length of the fault may be identified.

To assist in the identification of faults a number of fault types may be super imposed over the displayed fault for easier identification.

Uses 4 x 1.5v AA batteries (included)



PART NO.	DESCRIPTION	PRICE
C00-0979	TX8000 TIME DOMAIN REFLECTOMETER	728.35
M99-6820	LR6 MNI500 AA BATTERY PACK OF 2	1.18

TEST EQUIPMENT



STRUCTURED CABLE TESTERS

A) Mills Structured Cable Tester

A simple-to-use structured cabling tester which tests for shorted pairs, open pairs, crossed pairs, reversed pairs and indicates results with continually sequencing, bi-colour LEDs on both master and remote.

Two screened RJ45 sockets are provided, one wired for TIA468 A and B systems and the other for USOC.

**B) Low Cost Cable Tester**

Quickly and easily check for cable continuity, miswiring, open, short, straight-through or cross-wiring. Ideal for UTP, STP and coaxial cables.

PART NO.	DESCRIPTION	PRICE
C00-2000	A) MILLS STRUCTURED CABLE TESTER	77.71
C00-5816	B) LOW COST CABLE TESTER	11.34

MILLS LANCASTER™ 1000 STRUCTURED CABLE TESTER AND WIRE MAP CERTIFIER

The LanCaster™ 1000 displays on-screen wiring configurations showing the length of all 4 pairs and length of pair to fault up to 150 metres (500').

The LanCaster™ 1000 will store up to 1000 test results which can then be downloaded to PC using the LanCaster™ 1000 software (provided). Test results can then be customised with your corporate identity and certificates produced displaying the customer's location/job, length, cable VP and testing standard.

The 1000 comes complete with one intelligent remote office identifier, with a further 15 units available as optional accessories. Unlike far end units on competitor products the LanCaster™ remotes are intelligent and indicate if a test has passed or failed.

Now USB Plug n Play!

- Dimensions 165 x 90 x 37mm.
- Weight 350g.
- Uses 4 x AA batteries (Provided).

**The kit comprises:**

- LanCaster™ Cable Tester
- 1 x remote unit
- 2 x RJ45 patch leads
- 4 x AA Batteries
- Full instructions



PART NO.	DESCRIPTION	PRICE
C00-8161	LANCASTER™ 1000 CABLE CERTIFIER	301.08
C00-8162	LANCASTER™ 1000 ADDITIONAL REMOTE	34.87

NETCAT® MICRO

The NETcat Micro is a device that verifies the integrity of both twisted pair and coaxial telecom cables. Four durable keys select the test and wire tracing modes. The NETcat has a built in tone generator.

- Interface Connections:
- RJ45 shielded socket.
 - RJ11 6-wire socket.
 - F-type threaded female coaxial connectors.

Dimensions:
150 x 70 x 33mm.
Weight:
220g including remote unit and battery
Power Source:
PP3 9V alkaline battery (included).



Datasheet available online

TEMPO COMMUNICATIONS

PART NO.	DESCRIPTION	PRICE
C00-1330	NETCAT® MICRO WIRING TESTER	100.24

NETCAT® PRO 2

The NETcat Pro 2 is a digital tool for fast, accurate checking of cables, wiring and network service. The NETcat Pro 2 can be purchased with one remote or in a case c/w 7 additional remotes.

Product Features:

- Touch screen display with contrast adjustment and backlight.
- Tests shielded twisted pair (STP) unshielded twisted pair (UTP) and coaxial cables.
- 0-2000 foot cable length via TDR.
- Generates four distinct, precision tones for tracing low-loss cables like Cat 5e.
- Identifies active network devices (PC or Hub) on 10/100 Base-T networks.
- Patch cable and remote jack wire-map.
- Detects shorts, opens, reversed, crossed and split pairs.

Dimensions:
35 x 170 x 85mm
Weight: 200g
Power Source:
PP3 9V alkaline battery (included).



Datasheet available online

TEMPO COMMUNICATIONS

PART NO.	DESCRIPTION	PRICE
C00-1328	A) NETCAT PRO 2 TROUBLESHOOTER	262.28
C00-1329	B) NETCAT PRO 2 KIT C/W CASE	367.33

HONEYWELL BW MICROCLIP X3

Small size. Easy to use. Reliable operation. Affordable protection. It's no wonder the Honeywell BW MicroClip is the world's most popular multi-gas detector, serving as your trusted companion in hazardous environments, keeping you safe without weighing you down. Plus, it's the first multi-gas detector with a rating of IP68 for unmatched water protection. So you can be confident it will stand up to challenging conditions.

The Honeywell BW MicroClip X3 features a three-year warranty and a new oxygen sensor that extends overall operational life expectancy.

- Advanced engineering for reliable battery performance.
- Reflex Technology™ automated self-test function routinely checks the operating condition of the sensors to increase safety, up-time, and overall worker confidence.
- Compact, lightweight and easy to use - no expertise required.
- Flashing green IntelliFlash™ light for compliance at a glance.
- Five-year life expectancy - plus a three-year warranty.
- An all-new oxygen sensor that operates consistently for five years with no replacement costs for the life of the detector.
- Superior cost of ownership - with minimized maintenance and maximized uptime.

Available in:

A) C00-5970 2 Gas (CH4 & H2S)

B) C00-5971 4 Gas (O2, H2S, CO & Combustibles)

Supplied with 12in-car charger. Mains charger available separately.



PART NO.	DESCRIPTION	PRICE
C00-5970	A) HONEYWELL BW MICROCLIP X3 2 GAS GDU	265.37
C00-5971	B) HONEYWELL BW MICROCLIP X3 4GAS GDU	348.73
S83-3478	C) REPLACEMENT IN-CAR CHARGER	25.70
C00-4181	D) MAINS CHARGER	15.40

HONEYWELL BW QUATTRO 4 GAS DETECTOR H2S CO O2 & LEL

Rugged and reliable, the GasAlertQuattro four-gas detector, H2S CO O2 & LEL, combines a comprehensive range of features with simple one-button operation. With flexible power options, the GasAlertQuattro is always ready. The graphic LCD displays easy to identify icons that indicate operational information, such as bump test and calibration status for simplified onsite auditing.

IntelliFlash provides continuous visual confirmation of detector operation and compliance.

Suited to a wide range of industrial applications including confined space entry, the GasAlertQuattro is fully compatible with BW's MicroDock II automatic test and calibration system.

- Interchangeable rechargeable battery pack or alkaline pack with 3 AA batteries.
- Comprehensive datalogging and event logging capacity.
- IntelliFlash verifies operation and compliance to user and supervisors from up to 20ft. / 6.1m.
- Field-proven SureCell sensors offer an unprecedented performance in even the harshest environments.



PART NO.	DESCRIPTION	PRICE
C00-5972	HONEYWELL BW QUATTRO 4 GAS DETECTOR	POA
S83-3478	REPLACEMENT IN-CAR CHARGER	25.70
C00-4181	MAINS CHARGER	15.40

HONEYWELL BW ICON + 4 GAS DETECTOR H2S CO O2 & LEL

Honeywell BW™ Icon+ delivers an icon-based experience in a serviceable package. It enables you to maximize the lifespan of your 4-gas detectors, optimise long-term cost of ownership and select from multiple gas sensors for flexible applications.

- The latest in low power LEL infrared technology, giving you a battery runtime of 2 months.
- I Series sensor technology giving you wider temperature working conditions and a 5-year expected life.
- Compatible with the IntelliDox system for fast bump testing, data downloading, configuration and calibration of device. IntelliDox is now compatible with the external filter plate.
- Bluetooth as standard for connection in to the Safety Suite Device Configurator App.



PART NO.	DESCRIPTION	PRICE
C00-1918	HONEYWELL BW ICON + 4 GAS DETECTOR	442.85
S83-3478	REPLACEMENT IN-CAR CHARGER	25.70
C00-4181	MAINS CHARGER	15.40

TEST EQUIPMENT

CABLE AVOIDANCE TOOLS

C.A.T4® products provide a comprehensive range of Cable Avoidance Tools helping professionals to drive best locating practice, to reduce the number of cable strikes, and to dig more safely.

A) C.A.T4

The C.A.T4 is the standard model of the range. Using it with the Genny4 transmitter (C00-7896), experienced operators will be able to find more buried utilities, faster.

B) C.A.T4+

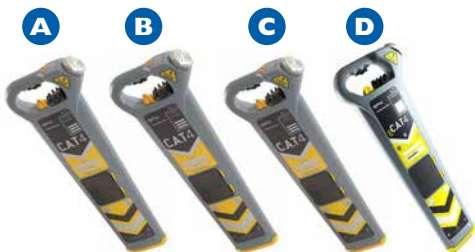
The CAT4+ has all the features of the CAT4 model and also includes depth estimation to help you gauge the depth of buried utilities as well as identifying them quickly.

C) eC.A.T4+

This model is equipped with an automatic recording system which stores up to 2 years' worth of usage data in its internal memory. Data can be later retrieved and analysed using a USB lead and a PC.

D) gC.A.T4+

This model adds GPS position to the usage data recorded. Bluetooth connectivity allows seamless transfer of usage data to the C.A.T Manager Online cloud based system for near real-time monitoring of operators' performance.



MILLS P/N	A) C00-7895	B) S00-7584	C) S00-7585	D) S00-7586
Range Features	CAT4	CAT4+	ECAT4+	GCAT4+
Avoidance	✓	✓	✓	✓
Mode (A)	✓	✓	✓	✓
Genny Signal Locate (G)	✓	✓	✓	✓
Power Signal Locate (P)	✓	✓	✓	✓
Radio Signal Locate (R)	✓	✓	✓	✓
Small Ø Locate Frequency	✓	✓	✓	✓
eCert	✓	✓	✓	✓
Dynamic Overload Protection		✓	✓	✓
Depth Estimation	OPTIONAL	OPTIONAL	OPTIONAL	✓
StrikeAlert			✓	✓
Data Acquisition			✓	✓
Service Due Indicator			✓	✓
SWING Warning			OPTIONAL	✓
CALSafe				✓
Bluetooth (future use)				✓
GPS / GNSS				✓

PART NO.	DESCRIPTION	PRICE
C00-7895	A) SPX CAT4 CABLE AVOIDANCE TOOL	533.23
S00-7584	B) SPX CAT4+ CABLE AVOIDANCE TOOL	806.93
S00-7585	C) SPX ECAT4+ CABLE AVOIDANCE TOOL	1014.93
S00-7586	D) SPX GCAT4+ CABLE AVOIDANCE TOOL	1128.21

RADIODETECTION SPX GENNY4 SIGNAL GENERATOR

Genny4 Signal Generator produces a class-first simultaneous dual-frequency signal output. It uses standard 33kHz signals for general purpose location, has a Small Diameter Locate frequency for finding telecoms/street lighting and has a Signal Boost function that allows the generated signal to be ramped up to a factor of 10. The Genny is designed to be used with the CAT4 range of cable avoidance tools Mills C00-7895, S00-7584, S00-7586 and S00-7585. Required 4 x D-Cell batteries. The Genny4 Signal Generator (Mills S00-7596) can be purchased separately or as a complete Bag Kit (Mills S00-7587) to include:

- Radiodetection Genny4 Signal Generator
- Direct Connection Leads
- Earth Stake
- Soft Carrying Bag



PART NO.	DESCRIPTION	PRICE
S00-7587	RADIODETECTION SPX GENNY4 SIGNAL GENERATOR COMPLETE BAG KIT	516.18

RADIO DETECTION SPX GENNY CLAMP 100MM

The Genny clamp is used to apply a signal to a specific cable or pipe. This is particularly useful where direct connection is not possible, or on live cables when these cannot be de-energised.



PART NO.	DESCRIPTION	PRICE
S00-7591	RADIO DETECTION SPX GENNY CLAMP 100MM	221.93

RADIODETECTION SPX FLEXITRADE 50M

The FlexiTrace reel holds 164' (50m) of small diameter rod which energised by a Genny and can be inserted into pipes as small as 12mm.

It can then be chased along the entire length of the Flexitrac and consequently be detected from above ground.



PART NO.	DESCRIPTION	PRICE
S00-7590	RADIODETECTION SPX FLEXITRADE 50M	892.36

C.SCOPE CXL4CAT-D CABLE AVOIDANCE TOOL - DATA LOGGING

The CXL4CAT-D Cable Avoidance Tool from C.Scope, is a popular choice amongst telecom utilities identifying cabling energised with the SGA4 'Genny' (S83-2087), whilst remaining easy to operate ensuring there is only a minimal need for training or retraining. The CXL4CAT-D will allow the user to identify cabling, but not specify the depth.

Also known as a Locator 9C Receiver
Ref: 100567



PART NO.	DESCRIPTION	PRICE
S83-2086	C.SCOPE CXL4CAT-D CABLE AVOIDANCE TOOL - DATA LOGGING	608.69

C.SCOPE DXL4-D CABLE AVOIDANCE TOOL - DATA LOGGING

The DXL4-D Cable Avoidance Tool from C.Scope, is a popular choice amongst telecom utility contractors identifying cabling energised with the SGA4 'Genny' (S83-2087), whilst remaining easy to operate ensuring there is only a minimal need for training or retraining. The DXL4-D has all features of the CXL4CAT-D (S83-2086) but in addition will allow the user to identify the depth of the cabling.



PART NO.	DESCRIPTION	PRICE
S83-2093	C.SCOPE DXL4-D CABLE AVOIDANCE TOOL - DATA LOGGING	696.69

C.SCOPE SGA4 SIGNAL GENERATOR

The C.Scope SGA4 Dual-Frequency Signal Generator is a cost-effective, adjustable dual-frequency signal transmitter capable of simultaneously outputting 33kHz and 131kHz signals. It increases the number of buried services/cables that are energised and subsequently detected using C.Scope's CXL4 (S83-2086) or DXL4 (S83-2093) Cable Avoidance Tools.

Ref: 100566.



PART NO.	DESCRIPTION	PRICE
S83-2087	C.SCOPE SGA4 SIGNAL GENERATOR	462.00

THE C.SCOPE SGV4 SIGNAL GENERATOR

The C.Scope SGV4 Dual-Frequency Datalogging Signal Generator is a signal transmitter designed to be used alongside C.Scope's CXL4 (S83-2086) or DXL4 (S83-2093) Cable Avoidance Tools. In addition to SGA4 (S83-2087) this Genny has Dual-Frequency Datalogging Signal Generator supports three signal application techniques (Direct Connection, Wraparound and Induction).



PART NO.	DESCRIPTION	PRICE
S83-2092	C.SCOPE SGV4 SIGNAL GENERATOR	608.69

C.SCOPE CS880

Designed for use alongside a CXL4 or DXL4 Cable Avoidance Tool. It enables significantly more underground utilities to be detected including street lighting cables.

S83-2090 The C.Scope CS880 Metal Cover Locator is a metal detector that will locate lost or hidden metal objects. It is most commonly used for locating manhole covers through tarmac and grass.

Also known as locator 9A - Ref 037296.



PART NO.	DESCRIPTION	PRICE
S83-2090	A) C.SCOPE CS880 BURIED COVER LOCATOR	177.69
S83-2091	B) C.SCOPE CS880 CARRY BAG	25.39

C.SCOPE PROFESSIONAL CARRY BAG

The C.Scope YCB/CS compartmentalised carry bag will keep your C.Scope Pipe & Cable Locator Equipment & Accessories safe when not in use - Dimensions: 22 x 23 x 76cm.



PART NO.	DESCRIPTION	PRICE
S83-2088	C.SCOPE PROFESSIONAL CARRY BAG	46.59

C.SCOPE FLEXIBLE TRACER 80M

S83-2094 Fibreglass rod inside a drum cage mounted in a tubular steel frame.

80m of 5mm diameter flexible fibreglass rod with fully integrated 9.5mm diameter Sonde.

When energised with the 'Genny' It can then be chased along the entire length of the rod and consequently be detected from above ground using the 'Cat'.



PART NO.	DESCRIPTION	PRICE
S83-2094	C.SCOPE FLEXIBLE TRACER 80M	625.00

C.SCOPE YIRC-33-8 SIGNAL CLAMP LOCATOR

The C.Scope Signal Clamp allows operators to apply the Signal Generator/ Transmitter signal effectively to any cable. It is an extremely practical way to allow individual cables to be traced even when the cable is in amongst other cables.

Maximum service diameter: 105mm
Dimensions: 270 x 160 x 28mm
Also known as Locator 9A/B/C Signal Clamp
Ref: 37294



PART NO.	DESCRIPTION	PRICE
S83-2089	C.SCOPE YIRC-33-8 SIGNAL CLAMP LOCATOR	186.15

TEST EQUIPMENT

C.SCOPE RODDING OSCILLATOR SONDE 33KHZ

C.Scope rodding adaptor is a 33KHz Duct Sonde which is battery operated and just 24mm in diameter. It screws onto either Duct Rod No1 or No2 via a Duct Adaptor 2A (S83-0712).

In addition an attachment Rod 4a (S13-0720) can be screwed onto the leading thread of the sonde, to act as a guide.



PART NO.	DESCRIPTION	PRICE
S83-2058	C.SCOPE RODDING OSCILLATOR SONDE 33KHZ	330.00

RADIODETECTION SPX S18 SONDE ADAPTOR ROD DUCT I SPRING LOADED

A flexible sprung adaptor to join the Radiodetection SPX S18 Sonde to Rods Duct No 1 or No 2.



PART NO.	DESCRIPTION	PRICE
S83-2671	RADIODETECTION SPX S18 SONDE ADAPTOR ROD DUCT I SPRING LOADED	82.80

RADIODETECTION SPX S9 33KHZ MINISONDE

The S9 MiniSonde is a small 9mm (0.35") diameter transmitter designed to be inserted into non-metallic pipes or ducts, and enables operators to trace the route of small diameter pipes or ducts and to precisely locate any blockages.

The flexibility of the S9 MiniSonde allows the sonde to travel around bends or pass existing cables, while durable design and construction helps to protect the S9 MiniSonde from damage when travelling around bends or when encountering obstacles within the duct.



PART NO.	DESCRIPTION	PRICE
S00-7589	RADIODETECTION SPX S9 33KHZ MINISONDE	448.50

RADIODETECTION SPX S6 33KHZ MICROSONDE

The Radiodetection SPX S6 MicroSonde is a very small transmitter designed to allow operators to trace and detect blockages in even very small buried pipes and ducting.

With a diameter of only 6.4mm / 1/4", it is particularly suitable for tracing blockages in fiber-optic microducting or for tracing other small non-conductive pipes.

Locatable to 6.5' (2m) and measuring 0.25 x 3.5" (6.4 x 88mm).



PART NO.	DESCRIPTION	PRICE
S00-7588	RADIODETECTION SPX S6 33KHZ MICROSONDE	448.50

MIGHTY MOUSE SONDE

A battery operated transmitter used to indicate its position after being inserted into underground ducts, drains or sewers. Typically attached to ducting rods for insertion and then located using a CAT locator.

Depth: 3.5m



PART NO.	DESCRIPTION	PRICE
S83-2669	MIGHTY MOUSE SONDE	414.06

MIGHTY MOUSE ADAPTORS

Adaptors to join the Mighty Mouse to Rods Duct 1. Available as standard adaptor.



PART NO.	DESCRIPTION	PRICE
S83-2670	MIGHTY MOUSE SONDE ADAPTOR ROD DUCT I	35.71

AUTORANGING MULTIMETER MARTINDALE MM39

The MM39 is an auto-ranging multimeter with two test buttons, one to lock the range and the other to hold the results which are displayed on a 3½ digit LCD screen.

The main test functions are AC voltage and DC voltage and current and resistance. The MM39 measures both AC and DC voltage between 0.1mV to 600V and AC and DC current between 10mA to 10A. There is a diode test and an audible continuity test which sounds at less than 25Ω.



MARTINDALE
ELECTRIC

PART NO.	DESCRIPTION	PRICE
C72-4474	AUTORANGING MULTIMETER	34.33
C00-9233	MILLS SOFT POUCH BLUE 240 X 150 X 50MM	7.16
C46-1075	GS38 SAFETY TEST LEADS	23.05
C00-0000	STANDARD CALIBRATION	92.86

MARTINDALE MM68 TRUE RMS DIGITAL MULTIMETER

The MM68 is a True RMS digital multimeter which measures AC voltage up to 750V, DC voltage up to 1000V and both AC and DC current up to 10A.

It measures frequency, capacitance, resistance, and also has duty cycle, diode test and an audible continuity test which sounds at less than 100Ω. The 4½ digit LCD screen displays the results as values and on a 22 segment analogue bar graph. The MM68 also has an auto-power off feature and on screen low battery indication.



MARTINDALE
ELECTRIC

PART NO.	DESCRIPTION	PRICE
C72-7702	MARTINDALE MM68 TRUE RMS DIGITAL MULTIMETER	119.49
C00-9233	MILLS SOFT POUCH BLUE 240 X 150 X 50MM	7.16
C46-1075	GS38 SAFETY TEST LEADS	23.05
C00-0001	STANDARD CALIBRATION	42.13

HANDYPAT 500

The Martindale HPAT500 is a fantastic, portable, battery operated low volume PAT tester.

It offers ease of use, combined with the legal minimum requirement for the testing of class 1 & class 2 appliances, as well as IEC & extension leads.

With one-button test selection, the HPAT500 PAT tester is fast and gives test results with a pass / fail indication.

The HPAT500 includes a built-in battery charger, and is supplied with rechargeable batteries, giving it a clear advantage over the competition.

Each HPAT500 is supplied with earth bond probe & croc clip, rechargeable NiMH batteries, mains battery charger, extension lead adaptor, soft carry case and instruction manual.

Dimensions: (without holster)
210mm(H) 90mm(W) 54mm(D)
Weight: (with battery) 700g.



MARTINDALE
ELECTRIC

Datasheet available online

PART NO.	DESCRIPTION	PRICE
C72-3625	HANDYPAT 500	538.29
C50-7842	SMALL LABEL PAPER 30X20MM ROLL 500	13.53
C50-7843	PASS LABEL PAPER 60X30MM ROLL 500	14.01
C50-7844	PASS LABEL POLYESTER 50X25MM ROLL 500	28.02
C50-7845	FAIL LABEL PAPER 60X30MM ROLL 100	4.82

TEMPO MM810 DIGITAL MULTIMETER

True RMS, auto-ranging, digital hand held meter with a 3-5/6 digit, 6000 count, liquid crystal backlit display with Bar Graph.

Meter comes complete with carry case and GS38 rated test leads, including croc clips and probes, fused at 10A. Also known as Meter Multifunction 1B. Ref 27123



PART NO.	DESCRIPTION	PRICE
C00-1722	TEMPO MM810 DIGITAL MULTIMETER	205.39

TEMPO COMMUNICATIONS

TEST EQUIPMENT

MARTINDALE CM55 AC CLAMP METER

The CM55 is a new pocket-sized high performance AC Clamp meter measuring AC current, AC/DC voltage and resistance with continuity test. The compact rugged design enables accurate and reliable current measurement down to 10mA resolution without the need to break into the circuit.

The CM55 has a CATIII 600V safety rating and is the ideal tool for residential and commercial electricians.

Current AC: 40.00A/400.0A (50-400Hz)
Voltage AC: 400.0V/600V (50-400Hz)
Voltage DC: 400.0V/600V
Ohms: 400Ω
Continuity buzzer: <25Ω
Includes: TL16 leads, case, batteries and manual

MARTINDALE
ELECTRIC



PART NO.	DESCRIPTION	PRICE
C70-2070	MARTINDALE CM55 AC CLAMP METER	60.71

MARTINDALE CM79 AC/DC TRMS CLAMP METER

The CM79 is a new pocket-sized high performance TRMS AC/DC Clamp meter measuring AC and DC current up to 600A, AC/DC voltage and resistance with continuity test. The compact rugged design enables accurate and reliable DC current measurements down to 10mA resolution in applications including PV installations, battery monitoring and electric vehicles.

The TRMS capability ensures accurate and reliable AC current and voltage measurement for distorted waveforms caused by today's power electronics and non-linear loads found in modern lighting and power supplies. Specifications:

Current AC 60.00A/600.0A
Current DC 60.00A/600.0A
Voltage AC 600.0V
Voltage DC 600.0V
Ohms 999.0Ω
Continuity buzzer ≤ 30Ω

MARTINDALE
ELECTRIC



Includes TL16 leads, case, alkaline batteries and manual.

PART NO.	DESCRIPTION	PRICE
C70-2071	MARTINDALE CM79 AC/DC TRMS CLAMP METER	132.65

A) STANDARD REPLACEMENT MULTIMETER TEST LEAD SET 1.2M

Standard replacement red and black multimeter test lead set.

Overall length 1.2 metres.



B) CROCODILE CLIP SET

Test meter replacement crocodile clip set.



PART NO.	DESCRIPTION	PRICE
C46-1071	A) STANDARD REPLACEMENT MULTIMETER TEST LEAD SET 1.2M	6.03
C46-1076	B) CROCODILE CLIP SET	11.48

MARTINDALE VI-13800 VOLTAGE INDICATOR

The VI-13800 is an essential tool for proving electrical circuits are dead before carrying out maintenance and installation work in accordance with safe isolation procedures. The VI-13800 ensures safety through simplicity, with no ranges, switches or batteries, reducing the risk of an incorrect reading.

The VI-13800 provides instant visual AC and DC voltage indication in four stages from 50V to 400V. The bright long life LED indicators give clear and immediate display of the voltage level range.

Specifications:

Voltage range 50-600V AC/DC
LED Indication ± 50, 100, 200, 400V
AC/DC voltage detection automatic
Frequency range DC, 1-400Hz

Includes a Martindale proving unit, combination carry case and locking off devices.



PART NO.	DESCRIPTION	PRICE
C50-7828	MARTINDALE VI-13800 VOLTAGE INDICATOR	54.76

CHECK PLUGS

A) Simply plug into a live 13A socket & the check plug will show whether or not the socket is correctly wired. Fault indicators are instantly identified using the key on the face label.

B) As Model A but with audible indicator.

C) Earth loop indicator with voltage and wiring checks. Gives earth loop impedance checking without tripping RCDs.



MARTINDALE
ELECTRIC

PART NO.	DESCRIPTION	PRICE
C50-1224	A) SOCKET CHECK PLUG	12.36
C50-1613	B) BUZZIT AUDIBLE INDICATOR CHECK PLUG	15.35
C50-7832	C) NON-TRIP EARTH LOOP CHECK PLUG	54.52

EXTECH DV25 VOLTAGE DETECTOR WITH FLASHLIGHT

The DV25 from Extech Instruments is a pocket size Non-Contact Voltage Detector with two selectable ranges.

- Non-contact detection of AC Voltage in 2 ranges:
24 to 1000VAC
100 to 1000VAC
- For use on 50/60Hz circuits
- Audible and Visual voltage indication
- Built-in bright flashlight with On/Off button
- Rugged double-moulded housing
- Tip fits into outlets or against wire insulation testing



PART NO.	DESCRIPTION	PRICE
C35-2192	EXTECH DV25 VOLTAGE DETECTOR WITH FLASHLIGHT	13.80

KEWTECH KEWSTICK DUO POCKET VOLTAGE DETECTOR

Unique dual sensitive non-contact voltage detector or volt stick commonly used in conjunction with the C72-7423 Kewtech KTIPI Proving Unit - just press and hold the desensitising button and you can differentiate between live and earthed cables approximately 10mm apart. Dual sensitivity Heartbeat - green LED indicates that the unit is on and working correctly, red LED indicates presence of voltage.

This volt pen also has an audible tone to indicate the presence of voltage.

Requires 2x AAA batteries (not supplied)

- Clearly detects 90 - 600 volts AC without metal contact
- Two colour LEDs - Green for correct working and Red for Voltage detection
- Two tone buzzer, one for correct working and one for voltage detection
- Cat IV rated



PART NO.	DESCRIPTION	PRICE
C72-7424	KEWTECH KEWSTICK DUO POCKET VOLTAGE DETECTOR	17.75

SAGAB VOLT STICK LV50

Volt Stick is an instant tester for safely checking the presence of an AC voltage, without making any disconnections in cables, wall sockets, fuses, circuit breakers, junction boxes, etc.

- EEx approved voltage indicator for use in explosive environments
- Voltage indicator with safety handguard to avoid unintentional contact with live conductors
- Voltage range 50 ~ 1000v AC
- Intrinsically safe
- Sensitivity: Indicator will illuminate at 4mm distance of a 2.5mm conductor carrying 50v
- Power Requirements: 2 x Standard AAA alkaline batteries (supplied)
- Operating Temperature: -20 ~ +50°C
- Overvoltage: CAT III 1000v AC
- Dimensions: 145(L) x 18(Ø) mm
- Weight: 35g (including batteries)



PART NO.	DESCRIPTION	PRICE
C70-7367	SAGAB VOLT STICK LV50	41.05

MARTINDALE VT7 SINGLE POLE VOLTAGE INDICATOR

A single pole contact voltage indicator which detects AC voltages of 50V-600V with audible and bright LED indication.

This ergonomically designed voltage tester has a self-test function and is IP54 rated, for indoor and outdoor use. The tester is of durable construction making it suitable for both industrial and domestic applications.

Uniquely, the VT7 can be used when wearing protective gloves and gauntlets ensuring safe working practices can be adhered to at all times.

The probe is GS38 compliant and is ideal for detecting live panel casings.

The external tip enables easy access in confined spaces.



PART NO.	DESCRIPTION	PRICE
C70-7363	MARTINDALE VT7 SINGLE POLE VOLTAGE INDICATOR	19.29

MARTINDALE TEK100YE NON CONTACT VOLTAGE DETECTOR

Suitable for detecting 180V to 600V AC rms without requiring physical contact with the conductor. The presence of any voltage between 180V and 600V AC will generate an audible tone, together with a red visual indication.

Voltage range: 180V to 600V AC rms.

Frequency range: 45Hz to 1kHz



PART NO.	DESCRIPTION	PRICE
C70-7360	MARTINDALE TEK100YE NON CONTACT VOLTAGE DETECTOR	40.17

MARTINDALE TEK101 NON-CONTACT VOLTAGE DETECTOR

The Martindale TEK101 is a simple to use non-contact voltage indicator with both audible and visual warnings and an extended probe tip for access to confined spaces. Optimised for identifying energised conductors at voltages within the range 180V to 600V AC, it incorporates a unique built-in 50Hz proving unit which tests the sensor operation, battery and LED.

Voltage range: 180V to 600V AC rms.

Frequency range: 45Hz to 1kHz.



PART NO.	DESCRIPTION	PRICE
C70-2022	MARTINDALE TEK101 NON-CONTACT VOLTAGE DETECTOR	39.88

KEWTECH KTPI PROVING UNIT

Portable proving unit or voltage source for use on / off site for instantly testing non-contact voltage testers before and after use.

Commonly used in conjunction with the C72-7424 Kewtech Kewstick Duo Pocket Voltage Detector prior to opening green street cabinets.

Simple to use, just press the button and it tests.

- Belt clip for hands-free use.
- Visual LED indication of function.
- Robust and drop-proof from 1 metre.
- Comes complete with a 9V battery.
- As used by the large telecom utilities.

**NEW!**

PART NO.	DESCRIPTION	PRICE
C72-7423	KEWTECH KTPI PROVING UNIT	50.32

MARTINDALE PD440 440V AC PROVING UNIT

The Martindale PD440 is a 440V AC proving device, designed to enable voltage indicators to be fully checked, in compliance with Health & Safety recommendations. Using a voltage indicator without first proving it is working correctly could prove fatal.

**NEW!****MARTINDALE**
ELECTRIC

PART NO.	DESCRIPTION	PRICE
C70-7364	MARTINDALE PD440 AC PROVING UNIT	84.50

MARTINDALE ELITE DIGITAL FUSE FINDER FD550

The Elite 2 part Fuse Finder kit brings microprocessor controlled multi-level sensitivity to fuse and breaker identification. 2 Modes available:

(A) Automatic mode: which has a memory and auto adjusting for sensitivity for foolproof identification.

(B) Manual mode: which allows very rapid fuse finding using the bargraph.

Weight: 150g.

**NEW!****MARTINDALE**
ELECTRIC

PART NO.	DESCRIPTION	PRICE
C70-7351	MARTINDALE ELITE DIGITAL FUSE FINDER FD550	63.57

MARTINDALE TC69 VIPD SOFT CARRY CASE

A soft carry case for the Martindale voltage tester and the proving device. Never be without the right proving device for your voltage indicator. The clear front pocket allows the proving unit to be used without having to remove it from the case. A handy neck strap is included. Also available as part of a VTPD safe isolation kit including voltage tester, proving unit and carry case.

Dimensions:
265mm x 100mm x 100mm

**NEW!****MARTINDALE**
ELECTRIC

PART NO.	DESCRIPTION	PRICE
C70-7365	MARTINDALE TC69 VIPD SOFT CARRY CASE	25.07

KEWTECH KT65DL MULTIFUNCTIONAL TESTER

- Easy to use - straight forward interface.
- 0.001 Ohm high current loop test for when you are close to the supply transformer.
- PAT testing capability with download when used in conjunction with the Kewtech PAT ADAPTOR I.
- Best loop performance accuracy when benchmarked against other brands.
- Selectable Max Zs tables for MCBs and Fuses so you can automatically compare with measured result on site.
- Conducts 55V loops so your centred tapped 110V systems can be tested.
- No Bangs - continuous live monitoring means no blown fuses or PCBs.
- Proven, accurate and reliable.

**NEW!**

PART NO.	DESCRIPTION	PRICE
C70-7654	KEWTECH KT65DL MULTIFUNCTIONAL TESTER	649.94

DRUMMOND SMKIT10 SMART METER INSTALLATION TEST TOOL KIT

The complete solution to enable safe working practices during the installation of Smart Meters. The SMKITs contain all the test tools needed to ensure safe isolation procedures can be implemented during the installation process.

- 1 x BZ101 – Buzz-It Check Plug with Sounder for UK 13A Sockets (SMKIT10 only)
- 1 x TEK101 – Non-contact voltage indicator with built in proving device
- 1 x VT7 – Single Pole Contact Voltage Tester suitable for use when wearing PPE
- 1 x MTL10 – Drummond AC/DC Test Lamp 600V CAT IV
- 1 x PD440 – Proving Device
- 1 x TC70 – Combination soft carry case



MARTINDALE
ELECTRIC

PART NO.	DESCRIPTION	PRICE
C72-7286	DRUMMOND SMKIT10 SMART METER INSTALLATION TEST TOOL KIT	227.50

DRUMMOND SMKIT20 SMART METER INSTALLATION TEST TOOL KIT

The complete solution to enable safe working practices during the installation of Smart Meters. The SMKITs contain all the test tools needed to ensure safe isolation procedures can be implemented during the installation process.

- 1 x BZ101 – Buzz-It Check Plug with Sounder for UK 13A Sockets (SMKIT10 only)
- 1 x TEK101 – Non-contact voltage indicator with built in proving device
- 1 x VT7 – Single Pole Contact Voltage Tester suitable for use when wearing PPE
- 1 x MTL20 – Drummond AC/DC Dual Impedance Test Lamp 600V CAT IV
- 1 x PD440 – Proving Device
- 1 x TC70 – Combination soft carry case



MARTINDALE
ELECTRIC

PART NO.	DESCRIPTION	PRICE
C72-7287	DRUMMOND SMKIT20 SMART METER INSTALLATION TEST TOOL KIT	241.43

DRUMMOND MTL10PD TEST LAMP AND PROVING DEVICE

This handy bundle contains a Drummond MTL10 test lamp and a PD440 440V proving device in a combination carry case. The proving device can be used to verify the functioning of the test lamp.

Set comprises:

C70-7364 Martindale PD440 440V AC Proving Unit

C70-2074 Drummond MTL10 Test Lamp

C70-7365 Martindale TC69 VIPD Soft Carry Case



MARTINDALE
ELECTRIC

PART NO.	DESCRIPTION	PRICE
C70-3514	DRUMMOND MTL10PD TEST LAMP AND PROVING DEVICE	169.00

DRUMMOND MTL20PD TEST LAMP AND PROVING DEVICE

This handy bundle contains a Drummond MTL20 test lamp and a PD440 440V proving device in a combination carry case. The proving device can be used to verify the functioning of the test lamp.

Set comprises:

C70-7364 Martindale PD440 440V AC Proving Unit

C70-7361 Drummond MTL20 Test Lamp

C70-7365 Martindale TC69 VIPD Soft Carry Case



MARTINDALE
ELECTRIC

PART NO.	DESCRIPTION	PRICE
C70-2097	DRUMMOND MTL20PD TEST LAMP AND PROVING DEVICE	183.00

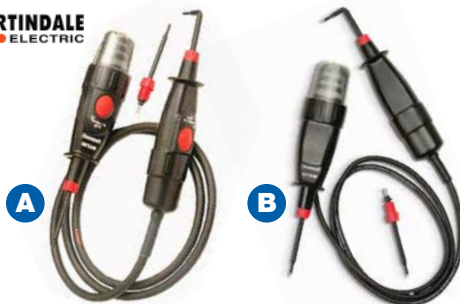
DRUMMOND TEST LAMPS

The John Drummond MTL10 and MTL20 give safe indication of voltage between 50V and 500V AC and 50V to 750V DC.

Four distinct bands of illumination, with a 360° viewing angle, provide indication of voltages above 50, 120, 230 and 400 volts even in bright sunlight. This allows accurate identification of potentially lethal voltages above 50V and enables the user to distinguish between 110V, 230V and phase to phase voltages in a 3 phase system.

In addition to the MTL10, the new model MTL20 incorporates two test buttons, one on the body of the unit and one on the probe. Simultaneous depression of both buttons enables the unit to draw a high current, allowing the user to differentiate between phantom voltages and hazardous persistent voltages.

MARTINDALE
ELECTRIC



PART NO.	DESCRIPTION	PRICE
C70-7361	A) DRUMMOND MTL20 TEST LAMP	87.86
C70-2074	B) DRUMMOND MTL10 TEST LAMP	64.99

TEST
EQUIPMENT

FOR OUR FULL RANGE OF FIBRE TEST EQUIPMENT

SEE PAGES 72-79

OR VISIT OUR WEBSITE MILLSLTD.COM



TEST
EQUIPMENT



MANOMETER IC

Used to take precise pressure readings of air filled telephone cables. Featuring only two controls on the front, its operation is simple, quick and requires no setting time.

The display is available in mbars, psi and kPs and may be supplied in a series of operating ranges. It comes complete with a neck strap and pouch which houses a quick connect chuck and 1.5 meters of PVC connecting tube.

The manometer's prime function is to take accurate pressure readings of air filled telephone cables but can also be used on other applications using non-corrosive gases.

Uses 2 x 9V PP3 batteries.



PART NO.	DESCRIPTION	PRICE
S83-2668	MANOMETER IC	566.50
M99-1203	MNI1604 PP3 9 VOLT BATTERY PK I	2.04

TEMPORARY CONTINUITY BOND 1.2M

Flexible, multi-strand copper cable.

2 x strong, spring-loaded crocodile clamps.

Provides earth continuity when disconnecting & reconnecting metal gas pipes.

10mm² cable rated 75A

Enables compliance with gas safe regulations.



PART NO.	DESCRIPTION	PRICE
R99-7369	TEMPORARY CONTINUITY BOND 1.2M	13.31

ROTHENBERGER CONTINUITY BOND WITH CROCODILE CLIPS 1.2M

Rothenberger Continuity Bond with Crocodile Clips is a good quality, easy to use and fast way to maintain the continuity of a pipeline up to 1" or 28mm diameter.

The cable used in this product is Tri rated BS6231 type CK.



PART NO.	DESCRIPTION	PRICE
R99-0665	ROTHENBERGER CONTINUITY BOND 1.2M	20.09

A) REGU35 PREMIER 45MB U GAUGE MANOMETER

- A solid acrylic gauge in a tough metal casing
- Measures to 18in.w.g. or 45 mbar
- Easy zero adjustment and a clear accurate scale
- Blue fluid for ease of reading in poorly lit locations
- Trap chambers reduce the possibility of fluid loss through spillage or overpressure
- Hanging slot and strap
- Overall length - approx. 18" (450mm)
- Supplied in a nylon protective bag



B) REGIN U GAUGE MANOMETER FLUID

- 5ml Fluid has a specific gravity of 1.88 S.G.
- For use in Regin Premier Gauges (REGU35 & REGU40)

PART NO.	DESCRIPTION	PRICE
500-7374	A) REGU35 PREMIER 45MB U GAUGE MANOMETER	79.95
500-7375	B) REGIN U GAUGE MANOMETER FLUID	11.64

ROTHENBERGER GAS TEST 30MB U GAUGE MANOMETER

New design incorporates magnetic strips for securing to boiler cabinets while in use.

Adjustable hook and loop strip allows manometer to be hung vertically during use.

Made in the UK.



PART NO.	DESCRIPTION	PRICE
500-7380	ROTHENBERGER GAS TEST 30MB U GAUGE MANOMETER	17.81

TEST EQUIPMENT

INFRARED GUN TYPE THERMOMETER

This pistol style infrared thermometer has a laser marker to ensure accurate spot measurement. The display can show temperatures in Fahrenheit or Celsius.

- Temperature Range: -30°C to 550°C / -22°F to 1022°F
- Display Resolution: 0.5/1°C (Auto), 1°F
- Display: 3½ digit liquid crystal display (LCD) with maximum reading of 1999
- Low battery indication
- Auto power off: 10 seconds, can be disabled.
- Standby current consumption: <5µA
- MAX, MIN record function
- Display with back-light
- Battery: Standard 9V battery (PP3, NEDA 1604, IEC6F22006P)
- Dimensions: 148mm(H) x 105mm(W) x 42mm(D)
- Weight: approx. 157g (including battery)



 Datasheet available online

MARTINDALE
ELECTRIC

PART NO.	DESCRIPTION	PRICE
C43-9891	INFRARED GUN TYPE THERMOMETER	82.35
C00-0005	CALIBRATION	50.00

STATIC SAFE KIT**Comprises:**

- Red Pouch
- 600 x 600mm Mat with 2 pockets
- 10mm Wrist Band
- Coiled Earth Lead (10mm - Banana)
- Straight Earth Lead (Banana - Banana with Crocodile Clip)



PART NO.	DESCRIPTION	PRICE
L79-1016	STATIC SAFE KIT	39.25

COILY CORDS

- A) 10mm stud 2m coily cords & crocodile clip (1 meg 1 end).
 B) 2.0m coily cord 10mm stud both ends (1 meg 1 end).

A



B



PART NO.	DESCRIPTION	PRICE
L79-1055	A) COILY CORD 10MM STUD/CROC CLIP	4.61
L79-1052	B) COILY CORD 10MM STUD/STUD	4.61

ESP BONDING PLUG

To accommodate 10mm, 7mm studs or 4mm plugs fitted 1m ohm resistor.



PART NO.	DESCRIPTION	PRICE
L79-2044	B) ESP STANDARD BONDING PLUGS	5.41

ANTISTATIC WRIST BANDS

Adjustable wrist bands with 10mm stud silver woven elastic



PART NO.	DESCRIPTION	PRICE
L79-1017	ADJUSTABLE WRIST BAND	4.25

TRIM TOOLS**A) 10 PIECE TRIM TOOL SET**

10-piece precision plastic Trimmer Tool set with extremely low thermal conductivity, 100% corrosion resistance. Highly resistant to all strong acids other than hydrofluoric. Solder (soft and hard) cannot adhere to the surface.



A

B) POCKET TRIM TOOL

Trimmer Adjustment Tool 127mm overall length. Glass filled nylon body with corrosion resistant stainless-steel blades. The tool has an extended as well as recessed blade for critical adjustments.



B

PART NO.	DESCRIPTION	PRICE
L15-1208	A) 10 PIECE TRIM TOOL SET	4.29
L15-1209	B) POCKET TRIM TOOL	3.20



STANDARD TERMS AND CONDITIONS OF BUSINESS

Mills Ltd. (the Supplier) agrees to supply goods/services to third parties (the Customer) on the following terms and conditions to the exclusion of any other terms and conditions and which may only be varied under the authority in writing of the Supplier. Read this page online at millsltd.com/terms-conditions

The customer's attention is drawn in particular to the provisions of clause 10.

1. Interpretation

1.1 Definitions:

Business Day: a day (other than a Saturday, Sunday or public holiday) when banks in London are open for business.

Conditions: the terms and conditions set out in this document as amended from time to time in accordance with clause 12.5.

Contract: the contract between the Supplier and the Customer for the sale and purchase of the Goods in accordance with these Conditions.

Customer: the person or firm who purchases the Goods from the Supplier.

Data Protection Legislation: the UK Data Protection Legislation and (for so long as and to the extent that the law of the European Union has legal effect in the UK) the GDPR and any other directly applicable European Union regulation relating to privacy.

Force Majeure Event: an event or circumstance beyond a party's reasonable control.

GDPR: General Data Protection Regulation (*EU* 2016/679).

Goods: the goods (or any part of them) set out in the Order.

Order: the Customer's order for the Goods, as set out in the Customer's written acceptance of the Supplier's quotation.

Specification: any specification for the Goods, including any related plans and drawings, that is agreed by the Customer and the Supplier.

Supplier: Mills Limited (registered in England and Wales with company number 00282704).

UK Data Protection Legislation: any data protection legislation from time to time in force in the UK including the Data Protection Act 1998 or 2018 or any successor legislation.

1.2 Interpretation:

(a) a reference to a statute or statutory provision is a reference to such statute or provision as amended or re-enacted. A reference to a statute or statutory provision includes any subordinate legislation made under that statute or statutory provision, as amended or re-enacted.

(b) any phrase introduced by the terms **including**, **include**, **in particular** or any similar expression shall be construed as illustrative and shall not limit the sense of the words preceding those terms.

(c) a reference to **writing** or **written** includes faxes and emails.

2. Basis of contract

2.1 These Conditions apply to the Contract to the exclusion of any other terms that the Customer seeks to impose or incorporate, or which are implied by trade, custom, practice or course of dealing.

2.2 The Order constitutes an offer by the Customer to purchase the Goods in accordance with these Conditions. The Customer is responsible for ensuring that the terms of the Order and any applicable Specification submitted by the Customer are complete and accurate.

2.3 The Order shall only be deemed to be accepted when the Supplier issues a form of acknowledgement accepting the Order, at which point the Contract shall come into existence. At this time, the Customer shall also ensure it provides the Supplier with full details of the individual whom is authorised to accept service of the delivery. In the event the details of the individual changes, the Customer shall inform the Supplier immediately.

2.4 The Customer waives any right it might otherwise have to rely on any term endorsed upon, delivered with or contained in any documents of the Customer that is inconsistent with these Conditions.

2.5 Any samples, drawings, descriptive matter or advertising produced by the Supplier and any descriptions or illustrations contained in the Supplier's catalogues or brochures are produced for the sole purpose of giving an approximate idea of the Goods referred to in them. They shall not form part of the Contract nor have any contractual effect.

2.6 A quotation for the Goods given by the Supplier shall not constitute an offer. A quotation shall only be valid for a period of 30 calendar days from its date of issue.

3. Goods

3.1 The Goods are described in the Supplier's catalogue as modified by any applicable Specification.

3.2 The Customer shall indemnify the Supplier against all liabilities, costs, expenses, damages and losses (including any direct, indirect or consequential losses, loss of profit, loss of reputation and all interest, penalties and legal and other professional costs and expenses) suffered or incurred by the Supplier in connection with any claim made against the Supplier for actual or alleged infringement of a third party's intellectual property rights arising out of or in connection with the Supplier's use of the Specification. This clause 3.2 shall survive termination of the Contract.

3.3 The Supplier reserves the right to amend the Specification if required by any applicable statutory or regulatory requirements.

4. Delivery

4.1 The Supplier shall ensure that:

(a) each delivery of the Goods is accompanied by a delivery note that shows the date of the Order of despatch, all relevant Customer and Supplier reference numbers, the type and quantity of the Goods (including the code number of the Goods, where applicable), special storage instructions (if any) and, if the Goods are being delivered by instalments, the outstanding balance of Goods remaining to be delivered; and

(b) if the Supplier requires the Customer to return any packaging materials to the Supplier, that fact is clearly stated on the delivery note. The Customer shall make any such packaging materials available for collection at such times as the Supplier shall reasonably require. Returns of packaging materials shall be at the Supplier's expense.

4.2 The Supplier shall deliver the Goods to the location set out in the Order or such other location as the parties may agree, and shall be limited to the Supplier's premises (Delivery Location) at any time after the Supplier notifies the Customer that the Goods are ready.

4.3 Delivery is completed on the completion of unloading of the Goods at the Delivery Location.

4.4 Any dates quoted for delivery are approximate only, and the time of delivery is not of the essence. The Supplier shall not be liable for any delay in delivery of the Goods that is caused by a Force Majeure Event or the Customer's failure to provide the Supplier with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods.

4.5 If the Customer fails to accept or take delivery of the Goods within three Business Days of the Supplier notifying the Customer that the Goods are ready, then, except where such failure or delay is caused by a Force Majeure Event or the Supplier's failure to comply with its obligations under the Contract: (a) delivery of the Goods shall be deemed to have been completed at 3.30pm on the third Business Day after the day on which the Supplier notified the Customer that the Goods were ready; and

(b) the Supplier shall store the Goods until delivery takes place, and charge the Customer for all related costs and expenses (including insurance).

4.6 If four Business Days after the day on which the Supplier notified the Customer that the Goods were ready for delivery the Customer has not accepted delivery of them, the Supplier may resell or otherwise dispose of part or all of the Goods.

4.7 In the event of any deliveries of any cabinets, these will be made to the curb side delivery only (from reception or loading bay only). If the Customer would like two individuals of the Supplier to assist with the delivery, this will be at the cost of the Customer, such cost to be agreed prior to delivery and determined exclusively by the Supplier.

4.8 If the Supplier delivers up to and including 5% more or less than the quantity of Goods ordered the Customer may not reject them.

4.9 The Supplier may deliver the Goods by instalments, which shall be invoiced and paid for separately. Any delay in delivery or defect in an instalment shall not entitle the Customer to cancel any other instalment.

4.10 The Supplier will not be held responsible for any loss or damage to the Goods following completion of delivery to the Customer.

4.11 Where the Supplier uses the services of third party couriers for the delivery of Goods, the Supplier will not be held responsible for any fees incurred by the Customer as a result of a failed delivery of Goods.

4.12 Where the Supplier is able to offer next working day delivery for the delivery of Goods, the Customer must order the Goods:

(a) before 5pm where the order is placed on Monday to Thursday inclusive; or

(b) before 4pm where the order is placed on Friday; or

(c) before 3pm where the order relates to pallet deliveries placed from Monday to Friday inclusive.

5. Quality

5.1 The Supplier warrants that Goods supplied will:

(a) conform in all material respects with their description and any applicable Specification;

(b) be free from material defects in design, material and workmanship; and

(c) be of satisfactory quality (within the meaning of the Sale of Goods Act 1979); and

(d) be fit for any purpose held out by the Supplier.

but no warranty is given for any particular purpose other than the purpose commonly applied or those specified by the manufacturer.

5.2 Subject to clause 5.3, if:

(a) the Customer gives notice in writing to the Supplier during the warranty period within a reasonable time of discovery that some or all of the Goods do not comply with the warranty set out in clause 5.1;

(b) the Supplier is given a reasonable opportunity of examining such Goods; and

(c) the Customer (if asked to do so by the Supplier) returns such Goods to the Supplier's place of business at the cost of the Customer;

the Supplier, once having had a reasonable opportunity to inspect the Goods and satisfy themselves they are defective, shall, at its option, repair or replace the defective Goods or refund the price of the defective Goods in full.

5.3 Before any goods are returned to the Supplier in accordance with clause 5.2, the Customer shall obtain a RMA number before returning the goods.

5.4 The Supplier reserves the right to refuse returns without a valid RMA number shown clearly on the exterior of the packaging. In such an event any items received will be returned to the Customer at the cost of the Customer.

5.5 The Supplier shall not be liable for the Goods' failure to comply with the warranty set out in clause 5.1 in any of the following events:

(a) the Customer makes any further use of such Goods after giving notice in accordance with clause 5.2;

(b) the defect arises because the Customer failed to follow the Supplier's oral or written instructions as to the storage, commissioning, installation, use and maintenance of the Goods or (if there are none) good trade practice regarding the same;

(c) the defect arises as a result of the Supplier following any drawing, design or Specification supplied by the Customer;

(d) the Customer alters or repairs such Goods without the written consent of the Supplier;

(e) the defect arises as a result of fair wear and tear, willful damage, negligence, or abnormal storage or working conditions; or

(f) the Goods differ from their description as a result of changes made to ensure they comply with applicable statutory or regulatory requirements.

5.6 Except as provided in this clause 5, the Supplier shall have no liability to the Customer in respect of the Goods' failure to comply with the warranty set out in clause 5.1.

5.7 The terms implied by sections 13 to 15 of the Sale of Goods Act 1979 are, to the fullest extent permitted by law, excluded from the Contract.

5.8 These Conditions shall apply to any repaired or replacement Goods supplied by the Supplier.

6. Returns

6.1 In the event the Customer needs to return the Goods because of a mistake or negligence on the part of the Customer, the Supplier reserves the right to invoice the Customer in respect of any costs or expenses, whatsoever arising together with a handling fee of the higher of £30 or 25% of the total value of the Goods. For such returns, the customer must again request a RMA number prior to returning the Goods and the Goods must not be damaged in any way whatsoever on the sole view of the Supplier, acting reasonably.

6.2 In the event the Customer requests the collection of the Goods of a mistake or negligence on the part of the Customer, the Supplier reserves the right to invoice the customer in respect of any costs or expenses associated with the collection the higher of £15 excluding VAT or such collection fee as the Supplier deems reasonable on their sole view with regard to the collection location and logistical requirements.

6.3 The Supplier will only accept the return or refund of Goods if defective and the provisions of this clause have been satisfied:

1.1.1. Any Goods claimed to be damaged or defective must be returned with the appropriate receipt or evidence of purchase within 3 working days of purchase.

1.1.2. Where it is agreed between the Supplier and Customer that the Goods were defective at the point of sale following an inspection of the Goods by the Supplier, the Supplier shall have the option to repair the Goods in the first instance or shall have the option to replace the Goods. This decision is at the sole discretion of the Supplier.

1.1.3. Where an inspection of Goods requested by the Customer reveals the Goods are in proper working order, the Supplier reserves the right to invoice the Customer £50 excluding VAT for the inspection works undertaken.

7. Title and risk

7.1 The risk in the Goods shall pass to the Customer on completion of delivery.

7.2 Title to the Goods shall not pass to the Customer until the Supplier receives payment in full (in cash or cleared funds) for the Goods and any other goods that the Supplier has supplied to the Customer, in which case title to the Goods shall pass at the time of payment of all such sums;

7.3 Until title to the Goods has passed to the Customer, the Customer shall:

(a) store the Goods safely from all other goods held by the Customer so that they remain readily identifiable as the Supplier's property;

(b) not remove, deface or obscure any identifying mark or packaging on or relating to the Goods;

(c) maintain the Goods in satisfactory condition and keep them insured against all risks for their full price from the date of delivery;

(d) notify the Supplier immediately if it becomes subject to any of the events listed in clause 8.1; and

(e) give the Supplier such information relating to the Goods as the Supplier may require from time to time.

CONTINUED OVERLEAF...



STANDARD TERMS AND CONDITIONS OF BUSINESS - CONTINUED

- 7.4 Subject to clause 6.5, the Customer may resell or use the Goods in the ordinary course of its business (but not otherwise) before the Supplier receives payment for the Goods. However, if the Customer resells the Goods before that time:
- it does so as principal and not as the Supplier's agent; and
 - title to the Goods shall pass from the Supplier to the Customer immediately before the time at which resale by the Customer occurs.
- 7.5 If before title to the Goods passes to the Customer the Customer becomes subject to any of the events listed in clause 9.1, without limiting any other right or remedy the Supplier may have:
- the Customer's right to resell the Goods or use them in the ordinary course of its business ceases immediately;
 - the Supplier may at any time:
 - require the Customer to deliver up all Goods in its possession that have not been resold, or irrevocably incorporated into another product; and
 - if the Customer fails to do so promptly, enter any premises of the Customer or of any third party where the Goods are stored in order to recover them.
- 7.6 Title to any Goods returned to the Supplier following a request for inspection by the Customer where believed the Goods to be faulty will pass back to the Supplier.
- 7.7 The Supplier recommends that all Goods should be unpacked and inspected prior to the Customer signing the delivery note. The Customer warrants that signature of the delivery note confirms that all the Goods noted on the delivery note have been delivered and received in good working order. A signed delivery note corresponding to the Customer's delivery address completes the delivery and the risk for the Goods will pass to the Customer.
8. **Price and payment**
- 8.1 The price of the Goods shall be the price set out in the Order, or, if no price is quoted, the price set out in the Supplier's published price list in force as at the date of delivery. The Supplier may, by giving notice to the Customer at any time 3 Business Days before delivery, increase the price of the Goods to reflect any increase in the cost of the Goods that is due to:
- any factor beyond the Supplier's control (including foreign exchange fluctuations, increases in taxes and duties, and increases in labour, materials and other manufacturing costs);
 - any request by the Customer to change the delivery date(s), quantities or types of Goods ordered, or the Specification;
 - any delay caused by any instructions of the Customer or failure of the Customer to give the Supplier adequate or accurate information or instructions.
- 8.2 The price of the Goods:
- excludes amounts in respect of value added tax (VAT), which the Customer shall additionally be liable to pay to the Supplier at the prevailing rate, subject to the receipt of a valid VAT invoice; and
 - excludes the costs and charges of packaging, insurance and transport of the Goods, which shall be invoiced to the Customer.
- 8.3 The Supplier may invoice the Customer for the Goods on or at any time after the completion of delivery.
- 8.4 The Customer shall pay the invoice in full and in cleared funds within 30 days of the date of the invoice. Payment shall be by bank transfer to the account nominated by the Supplier. Time for payment is of the essence. If the Customer fails to make any payment due to the Supplier under the Contract by the due date for payment, then the Customer shall pay interest on the overdue amount at the rate of 8% per annum above Lloyds bank base rate from time to time. Such interest shall accrue on a daily basis from the due date until actual payment of the overdue amount, whether before or after judgment. The Customer shall pay the interest together with the overdue amount.
- 8.5 The Customer shall pay all amounts due under the Contract in full without any set-off, counterclaim, deduction or withholding (except for any deduction or withholding required by law). The Supplier may at any time, without limiting any other rights or remedies it may have, set off any amount owing to it by the Customer against any amount payable by the Supplier to the Customer.
9. **Termination**
- 9.1 Without limiting its other rights or remedies, the Supplier may terminate this Contract with immediate effect by giving written notice to the Customer if:
- the Customer commits a material breach of any term of the Contract and (if such a breach is remediable) fails to remedy that breach within 5 days of that party being notified in writing to do so;
 - the Customer takes any step in action in connection with its entering administration, provisional liquidation or any composition or arrangement with its creditors (other than in relation to a solvent restructuring), being wound up (whether voluntarily or by order of the court, unless for the purpose of a solvent restructuring), having a receiver appointed to any of its assets or ceasing to carry on business or, if the step or action is taken in another jurisdiction, in connection with any analogous procedure in the relevant jurisdiction;
 - the Customer suspends, threatens to suspend, ceases or threatens to cease to carry on all or a substantial part of its business; or
 - the Customer's financial position deteriorates to such an extent that in the Supplier's opinion the Customer's capability to adequately fulfil its obligations under the Contract has been placed in jeopardy.
- The Supplier, acting reasonably, is unable to fulfil the Order.
- 9.2 Without limiting its other rights or remedies, the Supplier may suspend provision of the Goods under the Contract or any other contract between the Customer and the Supplier if the Customer becomes subject to any of the events listed in clause 9.1 (a) to clause 9.1 (d), or the Supplier reasonably believes that the Customer is about to become subject to any of them, or if the Customer fails to pay any amount due under this Contract on the due date for payment.
- 9.3 Without limiting its other rights or remedies, the Supplier may terminate the Contract with immediate effect by giving written notice to the Customer if the Customer fails to pay any amount due under the Contract on the due date for payment.
- 9.4 On termination of the Contract for any reason the Customer shall immediately pay to the Supplier all of the Supplier's outstanding unpaid invoices and interest.
- 9.5 Termination of the Contract shall not affect any of the parties' rights and remedies that have accrued as at termination, including the right to claim damages in respect of any breach of this Contract that existed at or before the date of termination.
- 9.6 Any provision of the Contract that expressly or by implication is intended to come into or continue in force on or after termination shall remain in full force and effect.
10. **Limitation of liability**
- 10.1 Nothing in these Conditions shall limit or exclude the Supplier's liability for:
- death or personal injury caused by its negligence, or the negligence of its employees, agents or subcontractors (as applicable);
 - fraud or fraudulent misrepresentation;
 - breach of the terms implied by section 12 of the Sale of Goods Act 1979; [or]
 - defective products under the Consumer Protection Act 1987; [or]
 - any matter in respect of which it would be unlawful for the Supplier to exclude or restrict liability.
- 10.2 Subject to clause 9.1:
- the Supplier shall under no circumstances whatsoever be liable to the Customer, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, for loss of profit, or any indirect or consequential loss arising under or in connection with the Contract; and
 - the Supplier's total liability to the Customer in respect of all other, save for matters arising from environmental matters where the Customer accepts liability, losses arising under or in connection with the Contract, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, shall in no circumstances exceed the price of the Goods.
- 10.3 Customers have a duty to use/peruse all Goods supplied in accordance with manufacturers instructions

for safe use and to ensure that such instructions are made readily available prior to the use of the Good by any individual.

11. **Force majeure**
- Neither party shall be in breach of this Contract nor liable for delay in performing, or failure to perform, any of its obligations under this Contract if such delay or failure results from a Force Majeure Event. If the period of delay or non-performance continues for 4 weeks, the party not affected may terminate this Contract by giving 2 weeks written notice to the affected party.
12. **General**
- 12.1 **Assignment and other dealings.**
- The Supplier may at any time assign, transfer, mortgage, charge, subcontract or deal in any other manner with all or any of its rights or obligations under the Contract.
 - The Customer may not assign, transfer, mortgage, charge, subcontract, declare a trust over or deal in any other manner with any or all of its rights or obligations under the Contract without the prior written consent of the Supplier.
- 12.2 **Confidentiality.**
- Each party undertakes that it shall not at any time disclose to any person any confidential information concerning the business, affairs, customers, clients or suppliers of the other party or of any member of the group to which the other party belongs, except as permitted by clause 12.2 (b). For the purposes of this clause, **group** means, in relation to a party, that party, any subsidiary or holding company from time to time of that party, and any subsidiary from time to time of a holding company of that party.
 - Each party may disclose the other party's confidential information:
 - to its employees, officers, representatives or advisers who need to know such information for the purposes of exercising the party's rights or carrying out its obligations under or in connection with this agreement. Each party shall ensure that its employees, officers, representatives or advisers to whom it discloses the other party's confidential information comply with this clause 12.2; and
 - as may be required by law, a court of competent jurisdiction or any governmental or regulatory authority.
 - No party shall use any other party's confidential information for any purpose other than to exercise its rights and perform its obligations under or in connection with this agreement.
- 12.3 **Trademarks.** The Customer shall not tamper with, alter the face or remove any of the names, logos or marks affixed to or marked on the goods or allow anyone else to do so. All Trademarks are acknowledged and belong to the Seller.
- 12.4 **Entire agreement.**
- This Contract constitutes the entire agreement between the parties and supersedes and extinguishes all previous agreements, promises, assurances, warranties, representations and understandings between them, whether written or oral, relating to its subject matter.
 - Each party agrees that it shall have no remedies in respect of any statement, representation, assurance or warranty (whether made innocently or negligently) that is not set out in this agreement. Each party agrees that it shall have no claim for innocent or negligent misrepresentation or negligent misstatement based on any statement in this agreement.
- 12.5 Mills Limited web account Customers will receive a password and account number upon completion of the registration process. All such information provided is confidential to the Customer and must not be shared with anyone whom it is not the Customer or the Supplier. The Customer agrees to indemnify the Supplier of any unauthorised use of the password or account number and any other breach of security.
- 12.6 The Customer shall also ensure they sign out of their Mills Limited web account after every session and agrees to indemnify the Supplier of any unauthorised use of the password or account number and any other breach of security.
- 12.7 **Variation.** No variation of this Contract shall be effective unless it is in writing and signed by the parties (or their authorised representatives).
- 12.8 **Waiver.** No failure or delay by a party to exercise any right or remedy provided under the Contract or by law shall constitute a waiver of that or any other right or remedy, nor shall it prevent or restrict the further exercise of that or any other right or remedy. No single or partial exercise of such right or remedy shall prevent or restrict the further exercise of that or any other right or remedy.
- 12.9 **Severance.** If any provision or part-provision of the Contract is or becomes invalid, illegal or unenforceable, it shall be deemed modified to the minimum extent necessary to make it valid, legal and enforceable. If such modification is not possible, the relevant provision or part-provision shall be deemed deleted. Any modification to or deletion of a provision or part-provision under this clause shall not affect the validity and enforceability of the rest of the Contract.
- 12.10 **Notices.**
- Any notice or other communication given to a party under or in connection with the Contract shall be in writing (addressed to that party at its registered office (if it is a company) or its principal place of business (in any other case) or such other address as that party may have specified to the other party in writing in accordance with this clause, and shall be delivered personally, sent by pre-paid first class post or other next working day delivery service, commercial courier, or fax.
 - A notice or other communication shall be deemed to have been received: if delivered personally, when left at the address referred to in clause 12.10 (a)); if sent by pre-paid first class post or other next working day delivery service, at 9.00 am on the second Business Day after posting; if delivered by commercial courier, on the date and at the time that the courier's delivery receipt is signed, or, if sent by fax, one Business Day after transmission.
- 12.11 The provisions of this clause shall not apply to the service of any proceedings or other documents in any legal action.
- 12.12 **Third party rights.** No one other than a party to this Contract shall have any right to enforce any of its terms.
- 12.13 **Governing law.** The Contract, and any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with it or its subject matter or formation, shall be governed by and construed in accordance with the law of England and Wales.
- 12.14 **Jurisdiction.** Each party irrevocably agrees that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with this Contract or its subject matter or formation.
13. **Data protection and data processing**
- 13.1 Both parties will comply with all applicable requirements of the Data Protection Legislation. This clause 13 is in addition to, and does not relieve, remove or replace, a party's obligations under the Data Protection Legislation. In this clause 13, **Applicable Laws** means (for so long as and to the extent that they apply to the Supplier) the law of the European Union, the law of any member state of the European Union and/or Domestic UK Law; and **Domestic UK Law** means the UK Data Protection Legislation and any other law that applies in the UK.
- 13.2 The parties acknowledge that for the purposes of the Data Protection Legislation, the Customer is the data controller and the Supplier is the data processor (where Data Controller and Data Processor have the meanings as defined in the Data Protection Legislation).

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
A10-3504	289	A10-6200	45	B72-2558	295	C00-1314	77	C00-3531	222	C00-5290	75
A10-4586	69	A10-6201	45	B72-2559	295	C00-1316	77	C00-3532	222	C00-5464	73
A10-4805	282	A10-6202	45	B72-2560	295	C00-1324	456	C00-3663	455	C00-5465	74
A10-6079	46	A10-6784	68	B72-2562	295	C00-1328	458	C00-3664	455	C00-5466	74
A10-6110	287	A10-7240	237	B72-5011	301	C00-1329	458	C00-3665	455	C00-5816	458
A10-6111	287	A10-7635/10	291	B72-5810	300	C00-1330	458	C00-3666	455	C00-5880	76
A10-6112	287	A10-7635/11	291	B72-5811	126	C00-1331	455	C00-4049	364	C00-5881	76
A10-6130	278	A10-7635/8	291	B72-6595	302	C00-1338	457	C00-4162	358	C00-5892	78
A10-6131	278	A10-7635/9	291	B72-6628	236	C00-1340	457	C00-4163	358	C00-5919	66
A10-6132	278	A10-7636	292	B72-6971	297	C00-1554	454	C00-4164	358	C00-5924	78
A10-6133	278	A10-7637	292	B72-6994	297	C00-1561	227	C00-4165	358	C00-5932	359
A10-6134	279	A10-7638	232	B72-7406	304	C00-1564	142	C00-4166	358	C00-5933	359
A10-6135	279	A10-7639	291	B72-7706	295	C00-1572	357	C00-4181	243	C00-5970	243
A10-6136	279	A10-7640	290	B83-2066	214	C00-1574	452	C00-4182	451	C00-5971	243
A10-6137	279	B00-3008	306	B94-2889	304	C00-1628	451	C00-4185	358	C00-5972	243
A10-6138	280	B00-7911	298	B94-3353	304	C00-1629	451	C00-4186	358	C00-5985	359
A10-6139	280	B19-0005	272	B99-0301	307	C00-1697	457	C00-4187	358	C00-5988	450
A10-6140	280	B29-3191	303	B99-1610	215	C00-1722	463	C00-4188	358	C00-6118	73
A10-6141	280	B29-3223	303	B99-1611	215	C00-1726	80	C00-4189	358	C00-6119	73
A10-6142	281	B29-3225	303	B99-1832	302	C00-1727	80	C00-4190	358	C00-6408	58
A10-6143	281	B29-3484	303	B99-2004	307	C00-1740	361	C00-4199	358	C00-6409	58
A10-6144	281	B29-3494	303	B99-2005	307	C00-1887	74	C00-4200	358	C00-6434	74
A10-6145	281	B29-4804	282	B99-3503	200	C00-1918	243	C00-4201	358	C00-6435	76
A10-6146	68	B29-6720	303	B99-3504	200	C00-2000	458	C00-4202	358	C00-6596	258
A10-6147	68	B70-0067	306	B99-4734	307	C00-2020	338	C00-4269	449	C00-6640	358
A10-6148	69	B70-0068	306	B99-6550	307	C00-2545	75	C00-4270	449	C00-6642	259
A10-6149	69	B70-0378	306	B99-7863	200	C00-3011	363	C00-4351	364	C00-6643	259
A10-6150	283	B70-0600	299	B99-8001	307	C00-3013	361	C00-4352	454	C00-6644	259
A10-6151	283	B70-1241	299	C00-0000	463	C00-3015	227	C00-4356	51	C00-6645	259
A10-6152	283	B70-1242	296	C00-0001	463	C00-3029	58	C00-4382	449	C00-6646	259
A10-6153	284	B70-2551	297	C00-0005	470	C00-3031	58	C00-4391	454	C00-6647	259
A10-6154	284	B70-3345	296	C00-0113	266	C00-3036	59	C00-4435	449	C00-6648	259
A10-6155	284	B70-3347	298	C00-0139	363	C00-3038	70	C00-4442	450	C00-6649	259
A10-6156	285	B70-3349	299	C00-0304	77	C00-3040	59	C00-4443	450	C00-6650	259
A10-6157	285	B70-3350	301	C00-0305	77	C00-3041	59	C00-4452	41	C00-6651	259
A10-6158	285	B70-3351	302	C00-0341	77	C00-3042	59	C00-4464	364	C00-6652	259
A10-6180	288	B70-4505	302	C00-0463	71	C00-3043	59	C00-4544	79	C00-6653	259
A10-6181	288	B70-6169	298	C00-0468	71	C00-3044	59	C00-4599	455	C00-6654	259
A10-6182	288	B70-6572	294	C00-0495	58	C00-3045	59	C00-4766	60	C00-6655	259
A10-6183	38	B70-6917	56	C00-0556	452	C00-3046	59	C00-4767	60	C00-6656	259
A10-6184	38	B70-6991	297	C00-0655	453	C00-3047	59	C00-4768	60	C00-6657	259
A10-6185	57	B70-8209	298	C00-0766	62	C00-3048	59	C00-4769	60	C00-6658	259
A10-6186	57	B72-0048	294	C00-0775	359	C00-3049	59	C00-4770	60	C00-6659	259
A10-6187	57	B72-0049	294	C00-0776	359	C00-3051	59	C00-4771	60	C00-6660	259
A10-6190	286	B72-0604	300	C00-0979	457	C00-3124	222	C00-4772	60	C00-6661	259
A10-6191	286	B72-0605	300	C00-1084	364	C00-3125	222	C00-4827	59	C00-6697	44
A10-6192	286	B72-0658	301	C00-1086	364	C00-3126	222	C00-4828	363	C00-6700	72
A10-6193	46	B72-2552	295	C00-1152	80	C00-3493	449	C00-4982	365	C00-6776	60
A10-6194	46	B72-2553	295	C00-1205	454	C00-3502	222	C00-5041	359	C00-6777	60
A10-6195	47	B72-2554	295	C00-1294	77	C00-3503	222	C00-5043	448	C00-6778	60
A10-6196	47	B72-2555	295	C00-1296	77	C00-3504	222	C00-5052	449	C00-6779	60
A10-6197	47	B72-2556	295	C00-1307	77	C00-3522	364	C00-5055	454	C00-6785	51

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
C00-6786	51	C00-8422	59	C04-4779	419	C28-3915	261	C29-2874	451	C92-3588	262
C00-6822	364	C00-8424	227	C04-4780	419	C28-3916	261	C29-4465	451	C92-3589	263
C00-6863	73	C00-8721	448	C04-4781	419	C28-3919	261	C35-2192	465	C92-3592	263
C00-6882	59	C00-8780	456	C04-4782	419	C28-3920	261	C43-9891	470	C92-3593	263
C00-6890	364	C00-8935	454	C04-4783	419	C28-3921	261	C46-1071	464	C92-3594	263
C00-6982	79	C00-8998	364	C04-4784	420	C28-3922	261	C46-1075	463	C92-3595	263
C00-6984	58	C00-9011	365	C04-4785	420	C28-3925	261	C46-1076	464	C92-3596	263
C00-6985	74	C00-9038	227	C04-4786	420	C28-3926	261	C50-1224	464	C92-3597	263
C00-6999	455	C00-9236	80	C04-4794	419	C28-3927	261	C50-1613	464	C92-3598	263
C00-7003	456	C00-9237	80	C04-4795	419	C28-4032	261	C50-7828	464	C92-3601	263
C00-7038	71	C00-9238	80	C04-4797	420	C28-4904	260	C50-7832	464	C92-3602	263
C00-7039	71	C00-9239	80	C04-4798	420	C28-6587	258	C50-7842	463	C92-3605	263
C00-7040	70	C00-9240	80	C04-4799	420	C28-6662	259	C50-7843	463	C92-3606	263
C00-7041	70	C00-9324	44	C04-4800	420	C28-6663	259	C50-7844	463	C92-4947	263
C00-7174	77	C00-9325	44	C04-4801	420	C28-7703	261	C50-7845	463	C92-4948	263
C00-7175	77	C00-9819	71	C04-4802	420	C28-7704	261	C70-2022	465	C92-4949	263
C00-7181	77	C00-9840	71	C04-4882	419	C28-7705	261	C70-2070	464	C92-4950	262
C00-7182	77	C00-9844	359	C04-4883	419	C28-7706	261	C70-2071	464	C92-4951	263
C00-7183	77	C00-9845	359	C04-7419	441	C28-7707	261	C70-2074	467	C92-4952	263
C00-7184	77	C04-1257	419	C04-8915	417	C28-7708	261	C70-4295	463	C92-4953	263
C00-7234	358	C04-1258	419	C04-8916	417	C28-7710	261	C70-6865	364	C92-4954	263
C00-7252	451	C04-1259	418	C04-9896	417	C28-7711	261	C70-6894	364	C92-4955	263
C00-7253	451	C04-1260	418	C04-9897	417	C28-7712	261	C70-6896	364	C92-4956	263
C00-7343	456	C04-1261	418	C04-9898	417	C28-7713	261	C70-7351	466	C92-4957	263
C00-7429	365	C04-1262	418	C04-9899	417	C28-7951	261	C70-7360	465	C92-4958	263
C00-7540	365	C04-1263	419	C04-9900	417	C28-7952	261	C70-7361	467	C92-4959	263
C00-7562	44	C04-1264	419	C05-1068	72	C28-7954	261	C70-7363	465	C92-4960	263
C00-7563	44	C04-1265	418	C05-1099	71	C28-7955	261	C70-7364	466	C92-4961	263
C00-7587	460	C04-1266	418	C05-1128	71	C28-7962	261	C70-7365	466	C92-4962	263
C00-7612	222	C04-1267	419	C05-1309	70	C28-7963	261	C70-7367	465	C92-4963	263
C00-7617	78	C04-1268	419	C05-1310	70	C28-7964	261	C70-7654	466	C92-4964	263
C00-7618	78	C04-1269	420	C05-1311	70	C28-7965	261	C71-0625	163	C92-4965	263
C00-7619	78	C04-1270	419	C05-1312	70	C28-8050	261	C71-0748	226	C92-4966	263
C00-7676	76	C04-1277	419	C05-1313	70	C28-8052	261	C71-0750	226	C92-4967	263
C00-7681	51	C04-1278	419	C05-1648	73	C28-8070	261	C71-3656	254	C92-4968	263
C00-7702	364	C04-3950	418	C05-3357	71	C28-8071	261	C71-3657	254	C92-4969	263
C00-7732	70	C04-3951	418	C05-3966	70	C28-8072	261	C71-6895	163	C92-5886	262
C00-7895	460	C04-3959	420	C05-3967	70	C28-8073	261	C71-9820	163	C98-4830	390
C00-7896	460	C04-3960	420	C05-4591	71	C28-8074	261	C71-9821	163	C98-4831	390
C00-7953	362	C04-3962	420	C05-4803	71	C28-8075	261	C71-9822	163	C98-4832	390
C00-7970	456	C04-4722	417	C05-5800	72	C28-8076	261	C71-9826	163	C98-4833	390
C00-7991	58	C04-4723	417	C05-5801	72	C28-8077	261	C72-3001	456	C98-4834	390
C00-7992	58	C04-4724	417	C05-5802	72	C29-0545	450	C72-3535	452	C98-4835	390
C00-8125	457	C04-4725	417	C05-5803	72	C29-0546	450	C72-3625	463	C98-4836	390
C00-8161	458	C04-4726	417	C05-9329	72	C29-0547	450	C72-4474	463	C98-4837	390
C00-8162	458	C04-4772	418	C05-9331	72	C29-0548	450	C72-7286	467	C98-4838	390
C00-8209	356	C04-4773	418	C28-0491	261	C29-0549	450	C72-7287	467	C98-4839	390
C00-8239	359	C04-4774	418	C28-1235	260	C29-0550	450	C72-7424	465	C98-4840	390
C00-8296	59	C04-4775	418	C28-1236	260	C29-0551	450	C72-7632	456	C98-4841	390
C00-8416	59	C04-4776	418	C28-2869	260	C29-0552	450	C72-7702	463	C98-4842	390
C00-8417	59	C04-4777	418	C28-3912	261	C29-0553	450	C92-3019	72	C98-4843	390
C00-8421	58	C04-4778	418	C28-3913	261	C29-0554	451	C92-3029	72	C98-4844	390

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
C98-4845	390	C98-5542	383	C98-5594	388	C98-5679	391	E00-1387	358	E00-4855	42
C98-4846	390	C98-5543	383	C98-5595	388	C98-5680	391	E00-1409	50	E00-4856	42
C98-4847	390	C98-5544	384	C98-5596	388	C98-5681	391	E00-1414	54	E00-4872	362
C98-4848	390	C98-5545	384	C98-5597	388	C98-5682	391	E00-1416	54	E00-4873	362
C98-4849	390	C98-5546	384	C98-5598	388	C98-5683	391	E00-1417	54	E00-4874	362
C98-4850	390	C98-5547	384	C98-5599	388	C98-5688	391	E00-1418	54	E00-4980	356
C98-4851	390	C98-5548	384	C98-5600	388	C99-2344	340	E00-1433	362	E00-4986	53
C98-4852	390	C98-5549	384	C98-5601	388	CASALINK	91	E00-1434	362	E00-4987	53
C98-4853	390	C98-5550	384	C98-5604	389	CMJ	90	E00-1436	362	E00-5004	50
C98-4854	391	C98-5551	384	C98-5605	389	D52-1243	342	E00-1437	362	E00-5006	356
C98-5500	382	C98-5552	384	C98-5606	389	D52-1244	342	E00-1530	51	E00-5480	41
C98-5501	382	C98-5553	384	C98-5607	389	D52-1252	342	E00-1833	50	E00-5750	40
C98-5502	382	C98-5554	385	C98-5608	389	D52-1253	342	E00-1851	51	E00-5751	54
C98-5503	382	C98-5555	385	C98-5609	389	D52-1254	342	E00-1968	39	E00-5753	54
C98-5504	382	C98-5556	385	C98-5610	389	D52-1255	342	E00-2017	360	E00-5853	356
C98-5505	382	C98-5557	385	C98-5611	389	D52-2048	274	E00-2018	49	E00-5854	356
C98-5506	382	C98-5558	385	C98-5612	389	D52-2049	274	E00-2019	357	E00-5878	49
C98-5507	382	C98-5559	385	C98-5613	389	D52-2050	274	E00-2021	48	E00-5984	356
C98-5508	382	C98-5560	385	C98-5614	389	D52-2546	342	E00-2026	360	E00-6124	42
C98-5509	382	C98-5561	385	C98-5615	389	D52-7248	342	E00-2530	48	E00-6170	48
C98-5510	382	C98-5562	385	C98-5616	389	D59-1275	274	E00-2851	50	E00-6175	48
C98-5511	382	C98-5563	385	C98-5617	389	D70-5007	342	E00-3021	347	E00-6176	347
C98-5512	383	C98-5564	386	C98-5618	389	D70-6000	342	E00-3035	49	E00-6177	356
C98-5513	383	C98-5565	386	C98-5619	390	D72-1002	274	E00-3250	54	E00-6178	356
C98-5514	383	C98-5566	386	C98-5620	390	D72-1005	342	E00-3251	54	E00-6414	48
C98-5515	383	C98-5567	386	C98-5621	390	D72-1050	342	E00-3504	358	E00-6419	39
C98-5516	383	C98-5568	386	C98-5622	390	D72-1287	342	E00-3505	358	E00-6422	49
C98-5517	383	C98-5569	386	C98-5623	390	D99-0035	206	E00-3608	52	E00-6423	52
C98-5518	383	C98-5570	387	C98-5624	390	D99-0036	269	E00-3609	52	E00-6426	52
C98-5519	383	C98-5571	387	C98-5625	390	D99-0038	317	E00-3613	52	E00-6427	52
C98-5520	383	C98-5572	387	C98-5626	390	E00-0451	42	E00-3614	52	E00-6510	356
C98-5521	383	C98-5573	387	C98-5627	390	E00-0454	362	E00-3615	52	E00-6511	356
C98-5522	382	C98-5574	387	C98-5628	390	E00-0470	41	E00-3616	52	E00-6530	43
C98-5523	382	C98-5575	387	C98-5629	390	E00-0489	50	E00-3646	310	E00-6588	356
C98-5524	382	C98-5576	389	C98-5630	390	E00-0958	51	E00-3647	310	E00-6589	356
C98-5525	382	C98-5577	389	C98-5631	390	E00-0962	52	E00-3649	310	E00-6597	348
C98-5526	382	C98-5578	389	C98-5632	390	E00-0964	60	E00-3652	310	E00-6625	53
C98-5527	382	C98-5579	389	C98-5633	390	E00-0973	59	E00-3669	52	E00-6626	49
C98-5528	382	C98-5580	389	C98-5634	390	E00-0974	52	E00-3672	52	E00-6627	49
C98-5529	382	C98-5581	389	C98-5635	390	E00-0976	51	E00-3701	53	E00-6641	39
C98-5530	382	C98-5582	388	C98-5636	390	E00-0983	50	E00-3739	358	E00-6670	40
C98-5531	382	C98-5583	388	C98-5637	390	E00-1005	357	E00-3740	357	E00-6691	40
C98-5532	382	C98-5584	388	C98-5638	390	E00-1017	362	E00-3741	357	E00-6721	365
C98-5533	382	C98-5585	388	C98-5639	390	E00-1019	362	E00-4461	314	E00-6861	55
C98-5534	383	C98-5586	388	C98-5640	390	E00-1020	362	E00-4536	53	E00-6885	55
C98-5535	383	C98-5587	388	C98-5641	390	E00-1021	362	E00-4639	358	E00-6912	48
C98-5536	383	C98-5588	388	C98-5642	390	E00-1026	358	E00-4673	39	E00-6974	39
C98-5537	383	C98-5589	388	C98-5643	391	E00-1027	358	E00-4743	53	E00-6975	39
C98-5538	383	C98-5590	388	C98-5644	391	E00-1031	358	E00-4824	49	E00-6993	367
C98-5539	383	C98-5591	388	C98-5645	391	E00-1032	362	E00-4825	49	E00-7195	54
C98-5540	383	C98-5592	388	C98-5646	391	E00-1113	347	E00-4826	52	E00-7196	54
C98-5541	383	C98-5593	388	C98-5647	391	E00-1180	357	E00-4829	48	E00-7200	54

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
E00-7201	54	E22-6374	228	E72-3007	313	F70-4260	315	F83-0815	316	H70-7368	326
E00-7241	53	E22-6376	347	E72-5014	360	F70-4261	315	F87-2033	319	H70-7393	328
E00-7292	39	E22-6386	312	E72-6782	42	F70-4262	315	F87-2034	319	H70-7394	328
E00-7358	310	E22-6390	334	E72-8259	359	F70-4265	315	F87-4593	319	H70-7395	273
E00-7359	310	E22-6391	334	E7512-0160-10	169	F70-4266	315	F87-4594	319	H70-7417	343
E00-7411	313	E22-6392	270	E87-7665	311	F70-4267	315	FAC7	81	H72-1000	326
E00-7412	313	E22-6393	332	EG2461-000	85	F70-4268	315	FIG	18/19	H72-1001	326
E00-7415	53	E22-6394	316	EG9432-000	146	F70-4269	315	FIST	84/85	H72-1005	324
E00-7560	357	E22-6395	270	F00-1041	323	F70-4270	315	FOSC	84	H72-1380	327
E00-7630	52	E22-6396	309	F00-1842	324	F70-4272	324	G30-1346	324	H72-1385	327
E00-7631	53	E22-6397	309	F02-3638	318	F70-4273	324	G70-1768	112	H72-1386	327
E00-7633	52	E22-6585	332	F02-3639	318	F70-4274	324	G70-1769	112	H72-1723	329
E00-7634	53	E65-5463	416	F02-3640	318	F70-4276	324	G70-1770	112	H72-1724	329
E00-7643	41	E65-6632	358	F02-3641	318	F70-4277	324	G70-1974	322	H72-1725	329
E00-7645	41	E66-1259	348	F02-3642	318	F70-4278	324	G70-3375	325	H72-1771	119
E00-7700	49	E66-1325/BOM	314	F02-3643	318	F70-4279	324	G70-3376	325	H72-1772	119
E00-7712	48	E66-3742	348	F02-3644	318	F70-4280	324	G70-4689	325	H72-6380	327
E00-9332	329	E66-4668	348	F02-3645	318	F70-4281	325	G70-4757	289	H72-6381	327
E00-9341	362	E66-6891	347	F02-6987	319	F70-4282	325	G70-4758	289	H72-6382	327
E02-1010	313	E68-1047	357	F02-6990	318	F70-4283	325	H00-0667	319	H72-6383	327
E12-0364	309	E68-3002	357	F10-1639	18	F70-4284	325	H00-5856	359	H72-6837	328
E12-0365	309	E68-3008	357	F14-1457	320	F70-4285	325	H00-5857	359	H72-6838	328
E12-3354	312	E68-4672	51	F14-3368	322	F70-4286	325	H00-5923	323	H72-6839	328
E12-3356	312	E68-5487	51	F14-3369	322	F70-4287	315	H01-1424	323	H72-7378	340
E12-6159	309	E68-6809	51	F14-3501	317	F70-4288	315	H01-1425	323	H72-7379	340
E12-6160	309	E68-7561	363	F19-1000	18	F70-4291	315	H01-1426	323	H72-7381	340
E12-6164	312	E70-1976	328	F19-1100	18	F70-4472	325	H01-1427	323	H72-7382	340
E12-6165	312	E70-1977	328	F19-1107	19	F70-4806	315	H01-1428	323	H83-8660	346
E12-6166	312	E70-4253	308	F19-1108	19	F70-4812	206	H01-1429	323	H83-8661	346
E12-6167	312	E70-4255	308	F19-1111	19	F70-5009	315	H01-1430	323	H83-8662	346
E12-6630	42	E70-4257	308	F19-1115	19	F70-5010	206	H01-1528	323	H83-8663	346
E12-7531	311	E70-4259	308	F19-1116	19	F70-6948	320	H01-1529	323	H83-8664	346
E12-7532	311	E70-4260	308	F19-1117	19	F70-6949	320	H01-3371	323	H83-8665	346
E12-7533	311	E70-4265	308	F19-1120	19	F70-7355	318	H01-3372	323	H83-8666	346
E12-7534	311	E70-5001	49	F19-1121	19	F70-7356	318	H01-4250	323	H83-8667	346
E14-2005	314	E70-5003	49	F19-1122	19	F70-7408	319	H01-4251	323	H83-8668	346
E14-2079	314	E70-5009	361	F19-1123	19	F70-7409	319	H30-4259	326	H83-8669	346
E14-2080	314	E70-5010	361	F19-1124	19	F70-7410	319	H48-1358	327	H83-8670	346
E14-3358	314	E70-5011	361	F19-1125	19	F70-7548	318	H48-1359	327	H83-8671	346
E14-6878	314	E70-5012	360	F19-1126	19	F70-7549	318	H48-1360	327	H83-8672	346
E14-6923	314	E70-5013	360	F70-4271	324	F70-7550	318	H48-1361	327	H83-8673	346
E14-6926	314	E70-5818	360	F70-2541	316	F70-7551	318	H48-1362	327	H83-8674	346
E14-6927	314	E70-5819	360	F70-2542	316	F70-7554	318	H48-4998	327	H83-8675	346
E14-6928	314	E70-6114	313	F70-3360	316	F70-7597	318	H70-1973	327	H83-8676	346
E15-1272	73	E70-6115	313	F70-4250	315	F70-8720	315	H70-2011	326	H83-8677	346
E15-1276	73	E70-7650	328	F70-4251	315	F72-1003	317	H70-2038	326	H83-8678	346
E15-1277	73	E70-7697	361	F70-4252	315	F72-1010	317	H70-2039	326	H83-8679	346
E15-1281	73	E70-9339	362	F70-4254	315	F72-1110	317	H70-5393	326	H83-8680	346
E21-1421	313	E70-9579	362	F70-4255	315	F72-1150	317	H70-5394	326	H83-8681	346
E22-6370	335	E70-9580	362	F70-4257	315	F72-2902	322	H70-5395	326	H83-8682	346
E22-6371	339	E72-0617	309	F70-4258	315	F72-3040	317	H70-5396	327	H83-8683	346
E22-6373	337	E72-1018	361	F70-4259	315	F83-0814	316	H70-6849	326	H83-8684	346

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
H83-8685	346	H87-6486	327	J62-3402	336	L79-2044	470	N36-1165	208	N36-5025	208
H83-8690	346	H87-6488	327	J62-3403	336	L79-5003	470	N36-1166	208	N36-5028	208
H83-8691	346	H87-6490	327	J62-3404	336	LMJ	89	N36-1167	208	N36-5029	207
H83-8692	346	H87-6494	318	J62-3405	336	M14-0624	345	N36-1171	208	N36-6575	320
H83-8693	346	H87-6495	318	J62-6638	335	M14-6884	344	N36-1172	208	N36-6576	320
H83-8694	346	H87-6496	318	J62-8167	335	M70-0288	345	N36-1173	208	N36-6577	320
H83-8695	346	H87-6497	318	J62-8168	335	M99-1059	274	N36-1174	208	N36-6578	320
H83-8696	346	H87-6498	318	J72-1001	334	M99-1062	197	N36-1175	208	N36-6579	320
H83-8697	346	H87-6499	318	J72-7864	334	M99-1089	197	N36-1176	208	N36-6580	320
H83-8698	346	H87-6500	318	J72-9588	181	M99-1200	274	N36-1178	208	N36-6583	322
H83-8699	346	H87-6501	319	J75-1020	181	M99-1201	274	N36-1180	208	N36-6620	320
H83-8700	346	H87-6502	323	J75-1021	181	M99-1203	274	N36-1184	208	N36-7388	208
H83-8701	346	H87-6505	292	J75-1586	181	M99-5797	345	N36-1185	208	N36-7389	208
H83-8702	346	H87-6540	231	J75-1587	181	M99-6624	363	N36-1186	208	N36-7390	208
H83-8703	346	H87-6541	231	J75-1588	181	M99-6820	73	N36-1187	207	N36-7448	210
H83-8704	346	H87-6542	231	J75-2771	181	M99-6864	274	N36-1192	207	N36-7449	321
H83-8705	346	H87-6543	231	J75-2772	181	M99-6914	345	N36-1196	207	N36-7455	321
H83-8706	346	H87-6544	231	J75-2773	181	M99-6919	73	N36-1285	207	N36-7458	210
H83-8707	346	H87-7349	323	J75-2775	181	M99-6998	344	N36-1591	207	N36-7463	321
H83-8708	346	H87-7357	231	J75-2789	181	M99-7559	170	N36-1709	208	N36-7466	321
H83-8709	346	H87-7414/10	231	J75-2790	181	M99-7576	344	N36-1710	208	N36-7467	321
H83-8710	346	H87-7414/11	231	K07-1172	339	MICROFLOW	26/27	N36-1711	208	N36-7468	321
H83-8711	346	H87-7414/8	231	K51-1006	339	MINIFLOW	28/29	N36-1712	208	N36-7470	321
H83-8712	346	H87-7414/9	231	K51-1007	339	MMJ	90	N36-1713	208	N36-7472	321
H83-8713	346	H87-7621/10	231	K70-1589	339	MULTIFLOW	30	N36-1861	207	N36-7473	321
H83-8714	346	H87-7621/11	231	K70-1689	185	N00-3011	330	N36-1863	207	N36-7474	321
H83-8715	346	H87-7621/7	231	K70-1690	337	N01-1805	336	N36-1865	207	N36-7477	321
H84-1500	327	H87-7621/8	231	K70-1691	185	N02-1050	332	N36-1866	207	N36-7478	321
H84-1501	327	H87-7621/9	231	K70-1692	185	N04-1616	332	N36-1868	207	N36-7482	209
H84-1502	327	J04-1200	335	K70-3418	337	N09-3520	206	N36-1869	207	N36-7496	210
H84-1503	327	J04-1202	335	K70-3419	337	N09-3521	206	N36-1870	207	N36-7504	321
H84-1975	311	J04-1205	335	K70-3420	337	N09-3522	206	N36-1871	207	N36-7507	210
H87-1991	323	J04-1249	335	K70-5012	337	N12-6547	330	N36-1873	207	N36-7511	317
H87-2041	323	J04-4862	343	K70-7646	337	N14-3500	427	N36-1874	207	N36-7519	321
H87-2042	290	J04-6467	41	K70-7663	372	N21-1604	332	N36-1995	210	N36-7520	210
H87-2345	318	J04-6839	335	K70-7869	339	N36-1118	207	N36-1996	210	N36-8161	207
H87-2346	318	J04-6848	335	K99-3003	339	N36-1121	207	N36-1997	210	N47-1237	209
H87-2347	318	J04-7677	337	K99-3426	339	N36-1122	207	N36-1998	210	N47-1238	209
H87-2348	318	J04-9321	41	K99-3427	339	N36-1123	207	N36-1999	210	N47-1239	209
H87-3515	332	J27-1000	335	K99-3428	339	N36-1124	207	N36-2008	324	N56-1461	336
H87-3523	337	J53-1002	334	K99-3429	339	N36-1127	207	N36-2095	209	N56-1557	336
H87-6469	311	J53-1005	334	K99-3555	339	N36-1129	207	N36-3516	210	N56-1562	336
H87-6470	311	J53-1012	334	K99-6840	339	N36-1130	207	N36-4592	209	N56-3266	336
H87-6471	311	J53-1014	334	K99-6841	339	N36-1132	207	N36-4735	208	N56-3276	336
H87-6472	311	J53-1762	334	K99-6842	339	N36-1136	207	N36-4736	210	N56-3282	336
H87-6473	311	J53-2032	336	L15-1208	470	N36-1139	207	N36-5005	207	N63-1009	210
H87-6474	310	J53-3000	334	L15-1209	470	N36-1142	207	N36-5018	210	N63-1010	210
H87-6475	310	J53-3001	334	L79-1016	470	N36-1143	207	N36-5019	208	N63-1011	210
H87-6480	310	J61-1030	334	L79-1017	470	N36-1144	207	N36-5020	208	N63-1012	210
H87-6482	331	J61-1031	334	L79-1052	470	N36-1162	208	N36-5021	208	N63-1013	210
H87-6483	331	J62-3400	336	L79-1055	470	N36-1163	208	N36-5022	208	N63-1014	210
H87-6485	332	J62-3401	336	L79-1213	470	N36-1164	208	N36-5024	208	N63-1015	210

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
N63-1016	210	N76-1202	209	P09-2312	203	P44-1347	196	Q69-0208	441	R02-1606	264
N63-1017	210	N76-1203	209	P09-2349	198	P44-1348	197	Q69-0213	441	R02-1607	264
N63-1018	210	N76-1204	209	P09-2351	203	P44-1505	197	Q69-0218	441	R02-1662	119
N63-1019	210	N76-1206	209	P09-2385	203	P44-1506	197	Q69-1135	408	R02-1735	106
N63-1020	210	N76-1208	209	P09-2386	202	P44-2853	197	Q69-1136	408	R02-1793	443
N63-1021	210	N76-1210	209	P09-2444	202	P44-2854	197	Q69-2584	42	R02-2210	264
N63-1022	210	N76-1213	209	P09-2472	204	P44-2855	197	Q69-2585	42	R02-2211	264
N63-1023	210	N76-1214	209	P09-2475	204	P44-4462	197	Q69-3883	408	R02-2212	264
N63-1024	210	N76-1216	209	P09-2491	204	P44-7822	197	Q69-3884	408	R02-2221	265
N63-1065	208	N76-1218	209	P09-2492	204	P57-1302	271	Q69-4621	441	R02-2222	265
N63-3000	210	N76-1219	209	P09-2524	201	P57-1303	271	Q69-4622	441	R02-2223	265
N63-3001	210	N76-1222	209	P09-2526	202	P57-2917	193	Q69-6729	42	R02-2240	266
N63-3002	210	N76-1225	209	P09-3016	206	P57-2920	193	Q69-6731	42	R02-2241	266
N63-3003	210	N76-1229	209	P09-3495	338	P57-2926	193	Q69-6732	42	R02-2242	266
N63-3004	210	N76-1232	209	P09-3723	201	P57-2992	193	Q69-6735	42	R02-2243	266
N63-3005	210	N76-1236	209	P09-5264	201	P57-6573	193	Q69-6737	42	R02-2244	266
N63-3006	210	N76-1238	209	P09-5266	202	P59-7961	271	Q69-6738	42	R02-2245	266
N63-3007	210	N76-1242	209	P09-5278	338	P59-7962	271	Q69-6741	42	R02-2246	266
N63-3008	210	N76-1246	209	P09-5280	338	P85-3176	196	Q69-6743	42	R02-2247	266
N70-0350	50	N76-1252	209	P09-5281	338	P85-4255	196	Q69-6744	42	R02-2248	266
N70-1977	332	N76-1253	209	P09-5282	338	P85-7700	196	Q69-6745	42	R02-2249	265
N70-1979	333	N76-1255	209	P09-5531	201	P85-7701	196	Q69-6746	42	R02-2250	265
N70-1981	333	N76-1258	209	P09-5534	201	P85-7702	196	Q69-6747	42	R02-2251	265
N70-2543	181	N76-1260	209	P09-5535	345	P85-7703	196	Q69-6748	42	R02-2252	265
N70-2901	67	N76-1266	209	P09-5544	203	P85-7820	196	Q69-7691	42	R02-2253	265
N70-3384	332	N76-5030	209	P09-5681	202	P88-1300	198	Q69-9534	408	R02-2254	265
N70-3385	333	N77-0531	207	P09-5687	344	P88-2043	198	Q69-9535	408	R02-2255	265
N70-3386	333	N77-0532	207	P09-5688	344	P88-2067	198	Q69-9556	409	R02-2257	265
N70-3387	332	N77-0533	207	P09-6581	320	P88-2068	198	Q69-9565	409	R02-2258	265
N70-3389	332	N77-0534	207	P09-6582	320	P88-2069	198	Q69-9566	409	R02-2259	265
N70-3391	332	N77-0535	207	P09-6870	201	P88-3578	199	Q69-9572	408	R02-2265	266
N70-7391	333	N77-0537	207	P09-6871	203	P88-3579	199	Q69-9573	408	R02-2266	266
N70-7522	332	N77-0538	207	P09-6873	203	P88-3580	199	Q69-9933	440	R02-2267	266
N70-7651	180	N77-0539	207	P09-6875	204	P88-3581	199	Q69-9934	440	R02-2276	267
N70-7652	181	N77-0540	207	P09-6877	204	P88-3693	198	Q69-9935	440	R02-2277	267
N70-7653	181	N77-0541	207	P09-7296	203	P88-5000	198	Q69-9936	440	R02-2279	440
N70-7868	331	N77-0542	207	P09-7298	202	P88-5001	198	R00-3007	182	R02-2280	440
N70-7979	332	N77-0543	207	P09-7403	198	P88-9770	199	R00-3505	132	R02-2281	440
N72-1004	330	N77-0544	207	P09-7926	344	P88-9771	199	R00-3506	271	R02-2282	440
N72-1005	330	N77-0664	207	P09-9906	206	P88-9772	199	R02-1117	241	R02-2413	251
N72-1007	330	N99-5000	207	P14-1000	196	P88-9773	199	R02-1319	267	R02-2414	251
N72-1008	330	N99-7700	207	P14-1001	196	P89-1363	196	R02-1320	267	R02-2415	251
N72-1546	331	NANOFLOW	24/25	P14-2856	197	P89-1364	440	R02-1322	267	R02-2416	251
N72-1547	330	NOVUX	87	P14-2867	197	P89-1366	440	R02-1323	267	R02-2417	251
N72-3378	330	OFDC	88	P14-3171	197	P89-9845	196	R02-1388	267	R02-2418	251
N72-3379	330	P06-3495	337	P33-0758	239	Q69-0168	408	R02-1389	267	R02-2419	251
N72-3380	330	P09-0694	338	P40-1329	197	Q69-0169	408	R02-1393	265	R02-2420	438
N72-3381	331	P09-1039	206	P40-1331	197	Q69-0180	441	R02-1394	270	R02-2421	438
N72-3382	330	P09-1041	206	P40-1333	197	Q69-0181	441	R02-1395	269	R02-2422	438
N72-6375	330	P09-1549	206	P40-1335	197	Q69-0188	441	R02-1396	182	R02-2423	251
N72-6574	330	P09-2174	202	P40-5012	345	Q69-0193	441	R02-1602	264	R02-3014	274
N72-6586	330	P09-2209	202	P44-1345	196	Q69-0198	441	R02-1603	264	R02-3034	274

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
R02-3395	268	R02-8341	267	R07-2238	264	R99-7273	343	S00-1211	180	S00-1462	182
R02-3396	268	R02-8342	267	R07-9887	443	R99-7369	469	S00-1213	177	S00-1466	183
R02-3551	253	R02-8343	267	R07-9888	443	R99-7383	182	S00-1215	176	S00-1470	152
R02-3552	253	R02-8344	267	R07-9889	443	R99-7401	340	S00-1216	179	S00-1474	211
R02-3554	253	R02-8345	267	R16-1071	182	R99-7402	340	S00-1220	177	S00-1475	211
R02-3556	253	R02-8346	267	R51-0456	253	R99-7407	298	S00-1221	177	S00-1481	108
R02-3558	253	R02-8347	267	R51-0457	253	R99-7657	273	S00-1222	182	S00-1487	216
R02-3559	253	R02-8348	267	R51-8450	253	R99-7658	273	S00-1223	180	S00-1492	216
R02-3564	253	R02-8349	267	R51-8451	253	R99-7659	273	S00-1224	183	S00-1525	214
R02-3565	253	R02-8350	267	R51-8452	253	R99-7660	273	S00-1226	180	S00-1526	214
R02-3576	253	R02-8351	267	R72-1007	182	R99-7661	273	S00-1228	180	S00-1527	214
R02-3577	253	R02-8352	267	R83-1053	182	R99-7662	273	S00-1231	182	S00-1531	62
R02-4247	438	R02-8353	267	R83-1054	182	R99-7700	270	S00-1232	180	S00-1532	212
R02-4248	438	R02-8354	267	R83-1055	182	R99-7896	270	S00-1233	180	S00-1533	212
R02-4674	126	R02-8355	267	R90-3002	273	R99-9438	272	S00-1234	179	S00-1534	212
R02-4802	251	R02-8356	267	R90-3003	273	S00-0004	237	S00-1235	180	S00-1535	212
R02-7002	253	R02-8357	267	R90-7890	273	S00-0032	430	S00-1236	180	S00-1536	212
R02-7003	253	R02-9010	438	R99-0586	241	S00-0033	430	S00-1237	224	S00-1537	34
R02-7005	438	R02-9011	438	R99-0665	469	S00-0059	214	S00-1238	224	S00-1601	115
R02-7006	438	R02-9012	438	R99-1122	271	S00-0429	132	S00-1239	141	S00-1627	126
R02-7007	438	R02-9013	438	R99-1171	271	S00-0621	173	S00-1240	138	S00-1632	220
R02-7020	445	R02-9014	438	R99-1180	271	S00-0653	216	S00-1241	138	S00-1695	155
R02-7021	445	R02-9883	267	R99-1210	268	S00-0660/L	245	S00-1250	182	S00-1696	155
R02-7022	445	R02-9884	267	R99-1211	268	S00-0660/M	245	S00-1251	186	S00-1702	154
R02-7023	445	R02-9885	267	R99-1212	268	S00-0660/S	245	S00-1252	183	S00-1703	154
R02-7024	119	R07-0401	443	R99-1213	268	S00-0660/XL	245	S00-1253	211	S00-1739	141
R02-7026	445	R07-0402	443	R99-1215	268	S00-0661	245	S00-1254	211	S00-1741	124
R02-7027	445	R07-0403	443	R99-1216	268	S00-0662	245	S00-1255	211	S00-1760	155
R02-7028	445	R07-1747	119	R99-1217	343	S00-0674	214	S00-1264	338	S00-1761	155
R02-7029	59	R07-1748	119	R99-1221	270	S00-0679	245	S00-1352	131	S00-1798	185
R02-7030	59	R07-1749	119	R99-1222	270	S00-0680	245	S00-1355	131	S00-1802	35
R02-7700	268	R07-2213	264	R99-1251	241	S00-0693	183	S00-1356	131	S00-1829	155
R02-7702	268	R07-2214	264	R99-1608	272	S00-0695	200	S00-1358	131	S00-1883	241
R02-7704	438	R07-2215	264	R99-1704	269	S00-0978	124	S00-1368	131	S00-1928	182
R02-7705	438	R07-2216	264	R99-1983	343	S00-0984	218	S00-1369	131	S00-1930	217
R02-7706	438	R07-2217	264	R99-1984	343	S00-0988	218	S00-1370	131	S00-1969	115
R02-7707	438	R07-2218	264	R99-1985	267	S00-1025	218	S00-1371	131	S00-1970	115
R02-7708	438	R07-2219	264	R99-1986	267	S00-1046	34	S00-1372	131	S00-1982	340
R02-7709	440	R07-2220	264	R99-1987	267	S00-1072	152	S00-1373	131	S00-2535	214
R02-7710	440	R07-2224	264	R99-1988	343	S00-1159	173	S00-1382	133	S00-2536	217
R02-7711	440	R07-2225	264	R99-1994	235	S00-1160	173	S00-1390	236	S00-2538	214
R02-7712	440	R07-2226	264	R99-2007	272	S00-1170	172	S00-1391	236	S00-2544	172
R02-7713	440	R07-2227	264	R99-2664	200	S00-1171	239	S00-1392	236	S00-2647	175
R02-7714	440	R07-2229	264	R99-3072	270	S00-1172	172	S00-1400	250	S00-2648	175
R02-7715	440	R07-2230	264	R99-3267	268	S00-1177	200	S00-1401	250	S00-2689	172
R02-7716	440	R07-2231	264	R99-3268	268	S00-1186	215	S00-1402	250	S00-2690	172
R02-7969	268	R07-2232	264	R99-3270	269	S00-1187	215	S00-1403	250	S00-2694	172
R02-8336	267	R07-2233	264	R99-3508	271	S00-1189	215	S00-1404	250	S00-2696	175
R02-8337	267	R07-2234	264	R99-4460	274	S00-1190	215	S00-1405	250	S00-2697	174
R02-8338	267	R07-2235	264	R99-4542	343	S00-1191	183	S00-1406	250	S00-2698	175
R02-8339	267	R07-2236	264	R99-5795	272	S00-1209	176	S00-1407	250	S00-2701	180
R02-8340	267	R07-2237	264	R99-6590	272	S00-1210	177	S00-1451	236	S00-2702	180

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
S00-2707	182	S00-3313	131	S00-5021	175	S00-6930	223	S00-7608	131	S00-9343	212
S00-2710	182	S00-3497	245	S00-5022	175	S00-6952	188	S00-7609	131	S00-9344	212
S00-2713	181	S00-3498	245	S00-5023	175	S00-6972	200	S00-7610	131	S00-9345	212
S00-2738	181	S00-3499	245	S00-5024	175	S00-6995	67	S00-7611	131	S00-9346	215
S00-2739	181	S00-3507	195	S00-5025	175	S00-6996	67	S00-7664	42	S00-9347	215
S00-2740	181	S00-3507	35	S00-5229	138	S00-6997	67	S00-7666	131	S00-9348	215
S00-2741	183	S00-3509	334	S00-5384	188	S00-7176	43	S00-7667	131	S00-9349	213
S00-2742	193	S00-3544	416	S00-5598	172	S00-7177	43	S00-7668	131	S00-9350	213
S00-2793	186	S00-3573	187	S00-5600	232	S00-7178	43	S00-7669	131	S00-9351	213
S00-2871	187	S00-3574	187	S00-5601	232	S00-7179	43	S00-7670	131	S00-9591	215
S00-2872	189	S00-3590	131	S00-5602	232	S00-7192	173	S00-7671	128	S00-9595	213
S00-2873	189	S00-3591	131	S00-5603	232	S00-7197	117	S00-7672	128	S00-9596	213
S00-2880	189	S00-3600	152	S00-5604	232	S00-7256	67	S00-7673	128	S00-9597	213
S00-2881	189	S00-3618	245	S00-5605	232	S00-7275	158	S00-7710	215	S00-9598	213
S00-2882	189	S00-3619	245	S00-5606	232	S00-7352	155	S00-7714	131	S03-4750	135
S00-3005	173	S00-3623	245	S00-5620	252	S00-7370	237	S00-7716	132	S03-4751	135
S00-3017	211	S00-3626	228	S00-5628	252	S00-7374	341	S00-7750	131	S03-4752	135
S00-3031	152	S00-3627	228	S00-5632	252	S00-7375	341	S00-7845	216	S03-4753	139
S00-3032	239	S00-3676	175	S00-5633	252	S00-7376	328	S00-7846	212	S03-4754	139
S00-3035	212	S00-3678	180	S00-5634	252	S00-7377	155	S00-7889	217	S03-4755	139
S00-3055	212	S00-3698	156	S00-5635	252	S00-7380	341	S00-7890	176	S03-4759	132
S00-3056	212	S00-3749	217	S00-5636	252	S00-7385	341	S00-7891	177	S03-4817	219
S00-3057	212	S00-3790	34	S00-5637	252	S00-7555	137	S00-7892	177	S03-4866	222
S00-3058	212	S00-4239	212	S00-5646	172	S00-7556	137	S00-7906	155	S03-4867	222
S00-3121	250	S00-4262	173	S00-5796	220	S00-7557	137	S00-7907	154	S03-4868	222
S00-3166	226	S00-4263	132	S00-5979	365	S00-7558	137	S00-7961	216	S03-5895	132
S00-3167	226	S00-4264	172	S00-6087	173	S00-7564	246	S00-8015	211	S03-6166	135
S00-3168	226	S00-4279	212	S00-6088	239	S00-7565	246	S00-8115	173	S03-6600	219
S00-3283	221	S00-4280	212	S00-6089	173	S00-7566	246	S00-8170	133	S03-6601	219
S00-3290	131	S00-4350	122	S00-6123	172	S00-7567	246	S00-8308	216	S03-6604	133
S00-3291	131	S00-4353	34	S00-6173	219	S00-7568	246	S00-8426	123	S03-6605	133
S00-3292	131	S00-4363	34	S00-6174	211	S00-7569	247	S00-8430	236	S03-6606	133
S00-3293	131	S00-4367	238	S00-6175	211	S00-7570	247	S00-8833	216	S03-6607	133
S00-3294	131	S00-4368	238	S00-6406	43	S00-7571	247	S00-8835	175	S03-6608	133
S00-3295	131	S00-4369	238	S00-6417	133	S00-7572	247	S00-9000	242	S03-6609	226
S00-3296	131	S00-4451	216	S00-6551	183	S00-7573	247	S00-9009	182	S03-6610	226
S00-3297	131	S00-4538	170	S00-6552	183	S00-7574	247	S00-9010	182	S03-6611	139
S00-3298	131	S00-4565	172	S00-6605	43	S00-7575	247	S00-9028	108	S03-6612	139
S00-3299	131	S00-4685	252	S00-6671	185	S00-7576	247	S00-9214	153	S03-6613	227
S00-3300	131	S00-4686	252	S00-6708	43	S00-7577	247	S00-9312	270	S03-6614	227
S00-3301	131	S00-4729	186	S00-6710	187	S00-7581	43	S00-9313	270	S03-6615	227
S00-3302	131	S00-4744	172	S00-6711	187	S00-7584	460	S00-9314	446	S03-9333	220
S00-3303	131	S00-4864	173	S00-6712	187	S00-7585	460	S00-9316	446	S09-1491	175
S00-3304	131	S00-4876	187	S00-6713	187	S00-7586	460	S00-9317	446	S09-1496	175
S00-3305	131	S00-5000	219	S00-6714	187	S00-7588	462	S00-9318	446	S09-1497	175
S00-3306	131	S00-5002	227	S00-6715	187	S00-7589	462	S00-9319	446	S09-1498	175
S00-3307	131	S00-5003	227	S00-6716	187	S00-7590	460	S00-9320	446	S09-1499	175
S00-3308	131	S00-5013	219	S00-6725	172	S00-7591	460	S00-9328	446	S09-4442	172
S00-3309	131	S00-5016	175	S00-6749	188	S00-7604	131	S00-9338	214	S09-9472	174
S00-3310	131	S00-5017	175	S00-6750	188	S00-7605	131	S00-9339	214	S09-9473	174
S00-3311	131	S00-5018	175	S00-6764	222	S00-7606	131	S00-9341	213	S09-9474	174
S00-3312	131	S00-5020	175	S00-6929	223	S00-7607	131	S00-9342	212	S09-9475	174

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
S09-9476	174	S26-1066	234	S26-7547	231	S83-0681	147	S83-0788	111	S83-0919	111
S13-0005	154	S26-1069	233	S26-7854	234	S83-0682	147	S83-0789	108	S83-0920	110
S13-0464	122	S26-1070	234	S26-7927	233	S83-0683	147	S83-0805	106	S83-0921	110
S13-0582	132	S26-1078	231	S26-7972	232	S83-0684	147	S83-0836	268	S83-0922	183
S13-0668	132	S26-1080	230	S27-1959	36	S83-0699	152	S83-0837	269	S83-0925	123
S13-0720	130	S26-1332	232	S27-1960	36	S83-0700	152	S83-0838	267	S83-0932	109
S13-0721	130	S26-1333	232	S27-1961	36	S83-0701	152	S83-0839	365	S83-0933	452
S13-0722	130	S26-1334	232	S27-1962	36	S83-0702	152	S83-0841	157	S83-0936	126
S13-0804	126	S26-1335	233	S27-1963	36	S83-0709	36	S83-0843	178	S83-0937	135
S13-0806	107	S26-1743	230	S27-1964	36	S83-0710	192	S83-0845	303	S83-0940	122
S13-1071	152	S26-1927	182	S27-1965	37	S83-0711	128	S83-0853	250	S83-0942	141
S13-1200	122	S26-3435	230	S27-1966	37	S83-0712	129	S83-0854	156	S83-0944	113
S13-1237	138	S26-3436	234	S27-3036	37	S83-0713	129	S83-0856	113	S83-0945	250
S13-1238	138	S26-3573	232	S27-4827	37	S83-0714	129	S83-0857	113	S83-0948	163
S13-1259	217	S26-3574	234	S50-0656	244	S83-0715	129	S83-0859	119	S83-0950	123
S13-1374	132	S26-3674	232	S50-0657	244	S83-0716	129	S83-0860	316	S83-0952	49
S13-1375	132	S26-3685	200	S57-0589	228	S83-0717	129	S83-0861	316	S83-0955	158
S13-1376	132	S26-3688	200	S57-0591	228	S83-0718	130	S83-0862	110	S83-0959	157
S13-1377	132	S26-3689	200	S57-0608	228	S83-0719	130	S83-0863	111	S83-0960	163
S13-1378	132	S26-3690	200	S57-0609	228	S83-0723	109	S83-0864	111	S83-0963	110
S13-1379	132	S26-3691	200	S57-0610	228	S83-0724	136	S83-0867	134	S83-0966	156
S13-1380	133	S26-3692	200	S57-0611	228	S83-0725	136	S83-0870	434	S83-0967	158
S13-1381	133	S26-4745	234	S57-0612	228	S83-0726	136	S83-0873	434	S83-0981	179
S13-1633	153	S26-4814	193	S57-0613	228	S83-0727	136	S83-0874	365	S83-0982	178
S13-1634	153	S26-4999	234	S57-1958	228	S83-0728	136	S83-0875	434	S83-0985	224
S13-1635	126	S26-5858	234	S57-3005	250	S83-0730	136	S83-0878	301	S83-0986	224
S13-1796	153	S26-5924	73	S57-4257	252	S83-0731	136	S83-0879	110	S83-0987	140
S13-1825	128	S26-5925	73	S57-5461	228	S83-0733	136	S83-0880	137	S83-0989	178
S13-3000	154	S26-5927	73	S70-5005	228	S83-0734	136	S83-0882	137	S83-0990	179
S13-3001	153	S26-6623	233	S70-5007	331	S83-0735	136	S83-0883	137	S83-0991	179
S13-3067	133	S26-6931	232	S70-7362	331	S83-0736	109	S83-0885	108	S83-0993	122
S13-3068	133	S26-6932	232	S82-1767	235	S83-0737	110	S83-0886	250	S83-0998	363
S13-3575	153	S26-6938	234	S82-1919	235	S83-0739	179	S83-0887	244	S83-1058	144
S13-4455	67	S26-6939	234	S82-1923	235	S83-0740	178	S83-0888	244	S83-1060	115
S13-7715	132	S26-6940	234	S82-1924	235	S83-0747	331	S83-0889	244	S83-1064	115
S13-9030	152	S26-6941	234	S83-0373	158	S83-0754	67	S83-0890	244	S83-1397	257
S14-1411	236	S26-6942	234	S83-0375	158	S83-0765	112	S83-0894	182	S83-1398	257
S14-1412	230	S26-6943	234	S83-0524	145	S83-0767	140	S83-0896	250	S83-1419	271
S14-1415	230	S26-6944	230	S83-0525	145	S83-0768	107	S83-0898	268	S83-1420	254
S14-3437	230	S26-6945	230	S83-0526	145	S83-0770	138	S83-0899	268	S83-1422	254
S14-3438	230	S26-6946	236	S83-0527	145	S83-0771	138	S83-0900	268	S83-1423	254
S14-3439	230	S26-6947	236	S83-0528	145	S83-0775	342	S83-0901	119	S83-1446	128
S14-3440	231	S26-6958	232	S83-0529	145	S83-0776	128	S83-0902	113	S83-1488	145
S14-3675	230	S26-7236	233	S83-0572	107	S83-0777	130	S83-0903	113	S83-1489	145
S18-0031	430	S26-7237	237	S83-0578	154	S83-0778	130	S83-0904	250	S83-1490	145
S19-0006	341	S26-7238	239	S83-0593	179	S83-0779	130	S83-0905	158	S83-1505	128
S26-0294	193	S26-7239	242	S83-0634	110	S83-0781	126	S83-0906	158	S83-1519	118
S26-0299	230	S26-7398	233	S83-0654	112	S83-0782	111	S83-0912	355	S83-1538	114
S26-1034	246	S26-7399	233	S83-0672	117	S83-0783	189	S83-0914	355	S83-1539	114
S26-1036	246	S26-7400	233	S83-0673	117	S83-0785	141	S83-0915	355	S83-1540	114
S26-1040	246	S26-7545	231	S83-0677	147	S83-0786	141	S83-0916	158	S83-1541	122
S26-1065	232	S26-7546	231	S83-0678	147	S83-0787	111	S83-0918	111	S83-1542	114

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
S83-1543	114	S83-1804	117	S83-2088	461	S83-2691	134	S83-2811	109	S83-2946	256
S83-1544	34	S83-1807	117	S83-2089	461	S83-2692	333	S83-2812	109	S83-2947	256
S83-1556	34	S83-1809	109	S83-2090	461	S83-2693	331	S83-2813	109	S83-2948	256
S83-1558	174	S83-1810	109	S83-2091	461	S83-2695	178	S83-2814	109	S83-2949	256
S83-1559	174	S83-1811	109	S83-2092	461	S83-2700	141	S83-2815	109	S83-2950	256
S83-1580	175	S83-1813	107	S83-2093	461	S83-2703	250	S83-2816	109	S83-2951	256
S83-1584	179	S83-1817	143	S83-2094	461	S83-2704	250	S83-2817	109	S83-2952	256
S83-1585	179	S83-1820	143	S83-2096	341	S83-2709	169	S83-2818	109	S83-2953	256
S83-1612	170	S83-1822	143	S83-2343	132	S83-2711	67	S83-2819	109	S83-2954	256
S83-1619	177	S83-1823	119	S83-2540	312	S83-2718	106	S83-2824	109	S83-2955	256
S83-1665	143	S83-1826	176	S83-2581	86	S83-2722	121	S83-2825	109	S83-2956	256
S83-1669	254	S83-1827	176	S83-2626	119	S83-2723	115	S83-2826	109	S83-2957	256
S83-1670	116	S83-1828	176	S83-2627	134	S83-2724	115	S83-2827	109	S83-2958	256
S83-1671	116	S83-1830	134	S83-2628	119	S83-2735	118	S83-2828	109	S83-2959	256
S83-1672	116	S83-1831	177	S83-2630	137	S83-2736	118	S83-2829	109	S83-2960	256
S83-1673	116	S83-1838	163	S83-2631	137	S83-2737	118	S83-2830	109	S83-2961	256
S83-1674	116	S83-1840	135	S83-2632	137	S83-2743	193	S83-2831	109	S83-2962	256
S83-1675	117	S83-1841	135	S83-2633	137	S83-2744	116	S83-2832	109	S83-2963	256
S83-1677	117	S83-1843	135	S83-2634	137	S83-2745	116	S83-2835	163	S83-2964	256
S83-1678	117	S83-1844	135	S83-2635	137	S83-2746	116	S83-2836	162	S83-2965	256
S83-1679	117	S83-1845	135	S83-2636	137	S83-2747	116	S83-2837	162	S83-2966	256
S83-1680	117	S83-1846	135	S83-2637	137	S83-2748	162	S83-2838	162	S83-2967	256
S83-1681	114	S83-1847	139	S83-2644	224	S83-2749	163	S83-2839	162	S83-2968	256
S83-1682	114	S83-1848	139	S83-2645	224	S83-2750	162	S83-2840	162	S83-2969	256
S83-1683	121	S83-1852	124	S83-2646	140	S83-2751	193	S83-2841	112	S83-2970	256
S83-1693	19	S83-1853	119	S83-2653	107	S83-2752	34	S83-2842	112	S83-2971	256
S83-1694	193	S83-1854	119	S83-2659	156	S83-2753	34	S83-2856	265	S83-2972	256
S83-1699	114	S83-1857	66	S83-2660	156	S83-2754	200	S83-2857	119	S83-2973	256
S83-1706	117	S83-1860	106	S83-2661	156	S83-2755	200	S83-2858	119	S83-2974	256
S83-1707	112	S83-1875	106	S83-2662	135	S83-2756	185	S83-2865	113	S83-2975	256
S83-1746	267	S83-1880	115	S83-2663	135	S83-2758	118	S83-2866	113	S83-2976	256
S83-1753	118	S83-1881	115	S83-2665	142	S83-2759	150	S83-2868	113	S83-2977	256
S83-1755	108	S83-1882	115	S83-2666	142	S83-2767	123	S83-2869	119	S83-2979	179
S83-1756	115	S83-1896	106	S83-2667	142	S83-2776	134	S83-2899	178	S83-2980	178
S83-1757	253	S83-1897	106	S83-2668	466	S83-2778	148	S83-2900	179	S83-2982	179
S83-1758	272	S83-1899	106	S83-2669	132	S83-2779	148	S83-2914	268	S83-2983	192
S83-1766	113	S83-1915	110	S83-2670	132	S83-2780	148	S83-2915	268	S83-2984	192
S83-1773	119	S83-1931	174	S83-2671	132	S83-2781	148	S83-2916	241	S83-2985	192
S83-1775	150	S83-1935	145	S83-2672	113	S83-2782	116	S83-2918	257	S83-2986	192
S83-1776	150	S83-1937	241	S83-2674	365	S83-2783	116	S83-2919	257	S83-2987	192
S83-1777	151	S83-1956	123	S83-2676	129	S83-2784	116	S83-2924	257	S83-2988	192
S83-1778	151	S83-1967	118	S83-2677	109	S83-2785	116	S83-2925	257	S83-2989	192
S83-1779	150	S83-2003	311	S83-2678	158	S83-2786	116	S83-2927	119	S83-2990	109
S83-1781	151	S83-2029	122	S83-2680	157	S83-2787	116	S83-2928	119	S83-2991	107
S83-1782	151	S83-2058	129	S83-2681	157	S83-2788	116	S83-2929	250	S83-2993	109
S83-1783	151	S83-2081	108	S83-2682	158	S83-2791	182	S83-2931	256	S83-2996	112
S83-1784	134	S83-2082	223	S83-2683	157	S83-2792	182	S83-2932	256	S83-2997	116
S83-1786	151	S83-2083	223	S83-2684	157	S83-2794	34	S83-2933	256	S83-2999	109
S83-1790	137	S83-2084	223	S83-2685	122	S83-2795	148	S83-2942	256	S83-3075	255
S83-1791	137	S83-2085	223	S83-2686	122	S83-2796	148	S83-2943	256	S83-3076	255
S83-1792	117	S83-2086	461	S83-2687	178	S83-2797	148	S83-2944	256	S83-3077	255
S83-1793	117	S83-2087	461	S83-2688	178	S83-2810	109	S83-2945	256	S83-3078	255

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
S83-3079	255	S83-3142	256	S83-3217	144	S83-3679	180	S83-7623	64	T61-4340	406
S83-3080	255	S83-3143	256	S83-3218	144	S83-3680	182	S83-7624	64	T61-4341	407
S83-3081	255	S83-3144	256	S83-3219	144	S83-3681	193	S83-7625	65	T61-4342	407
S83-3082	255	S83-3145	256	S83-3220	144	S83-3682	193	S83-7626	65	T61-4343	407
S83-3083	255	S83-3146	256	S83-3221	157	S83-3695	148	S83-7628	169	T61-4344	407
S83-3084	255	S83-3147	256	S83-3222	158	S83-3899	251	S83-7629	64	T61-4345	407
S83-3085	255	S83-3148	256	S83-3224	162	S83-3900	251	S83-9215	115	T61-4346	407
S83-3086	255	S83-3149	256	S83-3226	163	S83-3901	251	S83-9321	128	T61-4347	407
S83-3087	255	S83-3150	256	S83-3242	114	S83-3902	251	S83-9322	136	T61-4348	407
S83-3088	255	S83-3151	256	S83-3243	117	S83-3907	251	S83-9326	65	T61-4354	407
S83-3089	255	S83-3152	256	S83-3244	117	S83-3908	251	S83-9327	64	T61-4355	407
S83-3090	255	S83-3153	256	S83-3245	114	S83-3909	251	S83-9334	170	T61-5467	406
S83-3091	255	S83-3154	256	S83-3246	114	S83-3910	251	S83-9340	180	T61-5468	406
S83-3092	255	S83-3155	256	S83-3249	192	S83-3949	123	S85-0845	126	T61-5469	406
S83-3093	255	S83-3156	256	S83-3265	187	S83-4034	244	S91-2052	235	T61-5470	407
S83-3094	255	S83-3157	256	S83-3271	268	S83-4035	244	S91-2053	235	T70-0009	409
S83-3095	255	S83-3158	256	S83-3274	268	S83-4036	244	S91-2054	235	T70-0019	408
S83-3096	255	S83-3159	256	S83-3275	268	S83-4060	136	S91-2055	235	T70-0035	413
S83-3097	255	S83-3160	256	S83-3277	268	S83-4246	365	S91-2056	235	T70-0051	398
S83-3098	255	S83-3161	256	S83-3280	268	S83-4450	452	S91-2057	235	T70-0052	398
S83-3099	255	S83-3162	256	S83-3281	268	S83-4466	158	S99-1086	235	T70-0054	398
S83-3100	255	S83-3163	113	S83-3287	268	S83-4537	176	S99-1110	217	T70-0061	399
S83-3101	255	S83-3164	121	S83-3288	268	S83-4555	153	S99-1111	217	T70-0062	399
S83-3102	255	S83-3165	121	S83-3289	268	S83-4688	220	S99-1472	217	T70-0064	408
S83-3103	255	S83-3180	136	S83-3314	176	S83-4742	169	S99-1980	341	T70-0065	408
S83-3104	255	S83-3183	182	S83-3315	176	S83-4801	257	S99-2342	274	T70-0071	97
S83-3105	255	S83-3185	244	S83-3316	176	S83-4816	39	S99-3015	236	T70-0072	97
S83-3106	255	S83-3187	141	S83-3317	176	S83-4867	136	S99-3482	239	T70-0073	97
S83-3107	255	S83-3188	141	S83-3318	176	S83-5974	188	S99-4275	235	T70-0074	97
S83-3108	255	S83-3189	137	S83-3319	177	S83-6189	44	S99-4486	236	T70-0075	97
S83-3109	255	S83-3190	137	S83-3320	177	S83-6198	39	S99-4487	236	T70-0076	97
S83-3110	255	S83-3192	137	S83-3321	177	S83-6621	152	S99-4488	236	T70-0077	97
S83-3111	255	S83-3193	137	S83-3322	177	S83-6675	143	S99-4489	236	T70-0078	97
S83-3112	255	S83-3194	137	S83-3323	177	S83-6676	143	S99-4490	236	T70-0079	97
S83-3113	255	S83-3195	137	S83-3324	177	S83-6677	143	S99-7384	273	T70-0080	97
S83-3114	255	S83-3196	137	S83-3325	177	S83-6678	143	S99-7386	341	T70-0081	98
S83-3115	255	S83-3200	140	S83-3326	177	S83-6679	143	S99-7387	274	T70-0082	98
S83-3127	256	S83-3201	140	S83-3327	179	S83-6680	143	S99-7392	340	T70-0083	98
S83-3128	256	S83-3203	144	S83-3328	179	S83-6787	40	S99-7700	239	T70-0084	98
S83-3129	256	S83-3204	144	S83-3329	179	S83-6910	40	S99-7701	239	T70-0085	98
S83-3130	256	S83-3205	144	S83-3330	134	S83-6911	40	T-400S-KIT	63	T70-0088	98
S83-3131	256	S83-3206	144	S83-3331	134	S83-6958	64	T-72M12-KIT	62	T70-0089	98
S83-3132	256	S83-3207	144	S83-3332	134	S83-6959	452	T18-0003	328	T70-0090	98
S83-3133	256	S83-3208	144	S83-3333	134	S83-6973	40	T18-0004	328	T70-0091	98
S83-3134	256	S83-3209	144	S83-3478	243	S83-7249	44	T18-0009	313	T70-0092	98
S83-3135	256	S83-3210	144	S83-3513	272	S83-7413	452	T18-0011	314	T70-0093	98
S83-3136	256	S83-3211	144	S83-3543	137	S83-7427	188	T18-0031	252	T70-0094	98
S83-3137	256	S83-3212	144	S83-3546	107	S83-7431	64	T18-0032	252	T70-0097	96
S83-3138	256	S83-3213	144	S83-3607	355	S83-7577	452	T18-0033	252	T70-0098	96
S83-3139	256	S83-3214	144	S83-3626	35	S83-7601	169	T18-0043	344	T70-0099	96
S83-3140	256	S83-3215	144	S83-3658	268	S83-7602	241	T61-4337	406	T70-0100	96
S83-3141	256	S83-3216	144	S83-3659	453	S83-7622	64	T61-4339	406	T70-0101	96

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
T70-0102	96	T70-0190	103	T70-0286	104	T70-0527	99	T70-2194	414	T70-2306	99
T70-0103	96	T70-0191	103	T70-0287	104	T70-0528	99	T70-2195	414	T70-2307	100
T70-0106	96	T70-0192	103	T70-0288	104	T70-0530	413	T70-2196	414	T70-2308	100
T70-0107	96	T70-0194	103	T70-0290	101	T70-0623	250	T70-2197	414	T70-2309	100
T70-0108	96	T70-0195	103	T70-0326	104	T70-0669	395	T70-2198	414	T70-2310	100
T70-0109	96	T70-0196	103	T70-0327	104	T70-0676	398	T70-2199	414	T70-2311	100
T70-0110	96	T70-0197	103	T70-0328	104	T70-0759	403	T70-2200	414	T70-2317	99
T70-0111	96	T70-0199	103	T70-0329	104	T70-0774	96	T70-2201	414	T70-2318	99
T70-0112	96	T70-0200	103	T70-0330	104	T70-0793	96	T70-2202	414	T70-2319	99
T70-0114	99	T70-0201	103	T70-0331	104	T70-0794	96	T70-2203	413	T70-2320	99
T70-0115	99	T70-0202	103	T70-0332	104	T70-0795	96	T70-2204	413	T70-2321	99
T70-0116	99	T70-0203	103	T70-0333	104	T70-0796	96	T70-2205	413	T70-2322	99
T70-0117	100	T70-0204	103	T70-0334	104	T70-0797	98	T70-2206	413	T70-2323	99
T70-0118	100	T70-0205	103	T70-0335	104	T70-0798	98	T70-2207	413	T70-2326	99
T70-0119	100	T70-0206	103	T70-0336	104	T70-0799	98	T70-2208	414	T70-2327	99
T70-0120	100	T70-0207	103	T70-0337	104	T70-0816	98	T70-2210	415	T70-2329	416
T70-0121	100	T70-0209	103	T70-0338	104	T70-0817	98	T70-2211	415	T70-2334	96
T70-0122	100	T70-0210	103	T70-0353	413	T70-0833	97	T70-2212	415	T70-2335	96
T70-0123	100	T70-0211	103	T70-0354	413	T70-0840	97	T70-2214	414	T70-2336	96
T70-0124	100	T70-0212	103	T70-0355	413	T70-0844	97	T70-2225	98	T70-2340	98
T70-0125	100	T70-0214	103	T70-0356	413	T70-0846	97	T70-2226	98	T70-2341	98
T70-0126	100	T70-0215	103	T70-0357	413	T70-0852	97	T70-2227	98	T70-2366	266
T70-0127	100	T70-0216	103	T70-0358	413	T70-0855	97	T70-2228	98	T70-2367	266
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T70-0131	100	T70-0221	103	T70-0362	413	T70-0897	98	T70-2237	97	T70-2372	371
T70-0155	102	T70-0222	103	T70-0366	399	T70-0910	97	T70-2238	97	T70-2383	378
T70-0156	102	T70-0223	103	T70-0367	399	T70-0927	98	T70-2239	97	T70-2406	371
T70-0157	102	T70-0224	103	T70-0382	101	T70-0928	98	T70-2245	97	T70-2407	371
T70-0158	102	T70-0225	103	T70-0384	101	T70-0930	98	T70-2246	97	T70-2408	371
T70-0159	102	T70-0226	103	T70-0386	101	T70-0931	98	T70-2247	97	T70-2409	371
T70-0160	102	T70-0227	103	T70-0387	101	T70-1215	432	T70-2248	97	T70-2410	371
T70-0161	102	T70-0229	103	T70-0388	101	T70-1216	432	T70-2249	97	T70-2411	371
T70-0162	102	T70-0230	103	T70-0390	101	T70-1217	432	T70-2261	98	T70-2412	379
T70-0163	102	T70-0231	103	T70-0393	101	T70-1218	432	T70-2265	96	T70-2428	379
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T70-0170	404	T70-0256	104	T70-0411	101	T70-1225	429	T70-2294	100	T70-2510	416
T70-0171	404	T70-0257	104	T70-0412	101	T70-2165	409	T70-2295	100	T70-2511	416
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T70-0175	404	T70-0261	104	T70-0431	99	T70-2177	408	T70-2299	100	T70-2518	415
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T70-0185	103	T70-0282	104	T70-0448	96	T70-2180	408	T70-2302	99	T70-2523	416
T70-0186	103	T70-0283	104	T70-0453	96	T70-2184	409	T70-2303	99	T70-2527	415
T70-0187	103	T70-0284	104	T70-0462	96	T70-2185	409	T70-2304	99	T70-2528	415
T70-0189	103	T70-0285	104	T70-0526	99	T70-2192	399	T70-2305	99	T70-2529	414

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
T70-2531	415	T70-4227	95	T70-5353	399	T70-5510	98	T70-5720	399	T70-6049	403
T70-2561	101	T70-4231	95	T70-5354	399	T70-5511	98	T70-5721	399	T70-6050	403
T70-2564	371	T70-4233	95	T70-5355	399	T70-5512	98	T70-5722	399	T70-6051	403
T70-2565	371	T70-4236	95	T70-5361	399	T70-5513	98	T70-5723	399	T70-6052	403
T70-2566	409	T70-4237	95	T70-5362	399	T70-5514	98	T70-5724	399	T70-6053	403
T70-2567	409	T70-4654	413	T70-5363	399	T70-5515	97	T70-5725	399	T70-6054	403
T70-2568	399	T70-4699	102	T70-5369	399	T70-5516	97	T70-5726	399	T70-6055	403
T70-2570	399	T70-4739	429	T70-5370	399	T70-5517	97	T70-5727	399	T70-6056	403
T70-2571	399	T70-4740	429	T70-5371	399	T70-5518	97	T70-5728	399	T70-6057	403
T70-2572	399	T70-4807	453	T70-5377	399	T70-5519	97	T70-5729	399	T70-6058	403
T70-2573	429	T70-4997	414	T70-5378	399	T70-5520	97	T70-5730	399	T70-6059	403
T70-2574	429	T70-5060	95	T70-5379	399	T70-5521	97	T70-5731	399	T70-6060	403
T70-2575	432	T70-5061	95	T70-5382	379	T70-5522	97	T70-5732	399	T70-6061	403
T70-2576	432	T70-5062	95	T70-5383	378	T70-5523	97	T70-5733	399	T70-6062	403
T70-2577	432	T70-5063	95	T70-5390	399	T70-5524	97	T70-5734	399	T70-6063	403
T70-2578	429	T70-5064	95	T70-5391	399	T70-5525	98	T70-5735	399	T70-6064	403
T70-2580	102	T70-5065	95	T70-5397	371	T70-5526	98	T70-5736	399	T70-6065	403
T70-2593	102	T70-5066	95	T70-5398	371	T70-5527	98	T70-5737	399	T70-6066	403
T70-2594	102	T70-5067	95	T70-5399	371	T70-5528	98	T70-5738	399	T70-6067	403
T70-2595	102	T70-5068	95	T70-5405	403	T70-5529	98	T70-5739	399	T70-6068	403
T70-2598	102	T70-5069	95	T70-5406	403	T70-5610	99	T70-5740	399	T70-6069	403
T70-2599	102	T70-5070	95	T70-5412	403	T70-5611	99	T70-5922	372	T70-6790	399
T70-2600	102	T70-5071	95	T70-5413	403	T70-5612	99	T70-5977	414	T70-6791	399
T70-2601	102	T70-5072	95	T70-5419	403	T70-5691	399	T70-6020	403	T70-6792	399
T70-2602	102	T70-5073	95	T70-5420	403	T70-5692	399	T70-6021	403	T70-6793	399
T70-2608	416	T70-5074	95	T70-5426	403	T70-5693	399	T70-6022	403	T70-6794	399
T70-2610	415	T70-5075	95	T70-5427	403	T70-5694	399	T70-6023	403	T70-6795	399
T70-2611	415	T70-5076	95	T70-5433	403	T70-5695	399	T70-6024	403	T70-6796	399
T70-2877	364	T70-5077	95	T70-5434	403	T70-5696	399	T70-6025	403	T70-6797	399
T70-2894	400	T70-5078	95	T70-5440	403	T70-5697	399	T70-6026	403	T70-6798	399
T70-2895	400	T70-5079	95	T70-5441	403	T70-5698	399	T70-6027	403	T70-6799	403
T70-2896	400	T70-5080	95	T70-5447	403	T70-5699	399	T70-6028	403	T70-6800	403
T70-2897	400	T70-5081	95	T70-5448	403	T70-5700	399	T70-6029	403	T70-6801	403
T70-2898	400	T70-5082	95	T70-5454	403	T70-5701	399	T70-6030	403	T70-6802	403
T70-3799	404	T70-5305	399	T70-5455	403	T70-5702	399	T70-6031	403	T70-6803	403
T70-3976	397	T70-5306	399	T70-5456	403	T70-5703	399	T70-6032	403	T70-6804	403
T70-3977	402	T70-5307	399	T70-5457	403	T70-5704	399	T70-6033	403	T70-6805	403
T70-4191	413	T70-5313	399	T70-5458	403	T70-5705	399	T70-6034	403	T70-6806	403
T70-4196	395	T70-5314	399	T70-5459	403	T70-5706	399	T70-6035	403	T70-6807	403
T70-4206	399	T70-5315	399	T70-5460	371	T70-5707	399	T70-6036	403	T70-6808	403
T70-4210	95	T70-5321	399	T70-5485	398	T70-5708	399	T70-6037	403	T70-6811	394
T70-4211	95	T70-5322	399	T70-5486	414	T70-5709	399	T70-6038	403	T70-6812	394
T70-4212	95	T70-5323	399	T70-5500	96	T70-5710	399	T70-6039	403	T70-6813	394
T70-4213	95	T70-5329	399	T70-5501	96	T70-5711	399	T70-6040	403	T70-6814	394
T70-4214	95	T70-5330	399	T70-5502	96	T70-5712	399	T70-6041	403	T70-6815	394
T70-4215	95	T70-5331	399	T70-5503	96	T70-5713	399	T70-6042	403	T70-6816	394
T70-4216	95	T70-5337	399	T70-5504	96	T70-5714	399	T70-6043	403	T70-6817	394
T70-4217	95	T70-5338	399	T70-5505	96	T70-5715	399	T70-6044	403	T70-6821	399
T70-4218	95	T70-5339	399	T70-5506	96	T70-5716	399	T70-6045	403	T70-6903	400
T70-4219	95	T70-5345	399	T70-5507	96	T70-5717	399	T70-6046	403	T70-6904	400
T70-4220	95	T70-5346	399	T70-5508	96	T70-5718	399	T70-6047	403	T70-6905	400
T70-4221	95	T70-5347	399	T70-5509	96	T70-5719	399	T70-6048	403	T70-6906	400

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
T70-6907	400	T96-2359	381	T98-4570	370	V01-1169	427	V01-7011	427	V01-8368	428
T70-6976	415	T96-2361	381	T98-4571	375	V01-1170	427	V01-7012	427	V01-8369	428
T70-7288	398	T96-2365	381	T98-4572	375	V01-1171	427	V01-7013	427	V01-8370	428
T70-7289	403	T96-2532	432	T98-4573	375	V01-1172	427	V01-7014	427	V01-8371	428
T70-7599	80	T96-2533	432	T98-4574	375	V01-1173	427	V01-7015	427	V01-8372	428
T70-7600	80	T96-2534	432	T98-4575	375	V01-1174	427	V01-7016	427	V01-8373	428
T70-7675	373	T96-2911	381	T98-4730	374	V01-1175	427	V01-7017	427	V01-8374	428
T70-7698	399	T96-2912	381	T98-4981	374	V01-1176	427	V01-7018	427	V01-8375	428
T70-7699	399	T96-2913	381	T98-4983	374	V01-1178	429	V01-7019	427	V01-8376	428
T70-9480	381	T96-3253	381	T98-4984	374	V01-1179	429	V01-7020	427	V01-8377	428
T70-9481	381	T96-4675	380	T98-5294	375	V01-1180	429	V01-7021	427	V01-8378	428
T70-9485	381	T96-9470	380	T98-6019	373	V01-1181	429	V01-7022	427	V01-8379	428
T70-9486	381	T96-9472	380	T98-7693	374	V01-1182	429	V01-7023	271	V01-8380	428
T70-9731	395	T96-9473	380	T98-7694	374	V01-1183	429	V01-7024	427	V01-8381	428
T70-9732	395	T96-9474	380	T98-9004	370	V01-1194	428	V01-7025	427	V01-8382	428
T70-9872	373	T96-9475	380	T98-9005	370	V01-1195	428	V01-7026	427	V01-8383	428
T70-9879	373	T96-9478	380	T98-9006	370	V01-1196	428	V01-7027	427	V01-8384	428
T70-9957	357	T98-0058	375	T98-9007	370	V01-1197	428	V01-7028	427	V01-8385	428
T77-0042	414	T98-0627	374	T98-9008	370	V01-1198	428	V01-7029	427	V01-8386	428
T77-0821	397	T98-0628	372	T98-9009	370	V01-1199	428	V01-7030	427	V01-8387	428
T77-2171	396	T98-0629	372	T98-9013	375	V01-1200	428	V01-7031	427	V01-8745	409
T77-2172	396	T98-0630	372	T98-9019	371	V01-1201	428	V01-7032	427	V01-8746	409
T77-2173	396	T98-0631	373	T98-9020	371	V01-1202	428	V01-7033	427	V01-8747	439
T77-2183	414	T98-0632	373	T98-9021	371	V01-1203	428	V01-7035	429	V01-8748	439
T77-4193	401	T98-0633	373	T98-9030	374	V01-1204	428	V01-7036	429	V01-9831	435
T77-4582/PACK	400	T98-0639	376	T98-9031	374	V01-1205	428	V01-7037	429	V01-9832	435
T77-4583	398	T98-0640	376	T98-9032	374	V01-1206	428	V01-7042	429	V01-9833	435
T77-4584	401	T98-0642	375	T98-9033	374	V01-1207	428	V01-7043	429	V01-9834	435
T77-4695	398	T98-0645	370	T98-9035	374	V01-1208	428	V01-7046	429	V01-9835	435
T77-4696	401	T98-0646	370	T98-9036	374	V01-1209	428	V01-7047	429	V01-9836	435
T77-4900	398	T98-0647	370	T98-9216	374	V01-1210	428	V01-7048	429	V01-9858	443
T77-4901	398	T98-0649	370	T98-9218	374	V01-1211	428	V01-7049	429	V01-9859	443
T77-4902	398	T98-0656	376	T98-9305	371	V01-1212	428	V01-7053	428	V01-9860	443
T77-9816	401	T98-0657	376	TDUX	169	V01-1213	428	V01-7054	428	V01-9861	443
T77-9817	401	T98-3254	375	TENIO	86	V01-1214	428	V01-7055	428	V01-9862	443
T90-5950	397	T98-3255	375	V01-0465	429	V01-1305	429	V01-7056	428	V03-1570	434
T90-5956	397	T98-3256	377	V01-0659	413	V01-1306	429	V01-7057	429	V03-1571	434
T90-5960	402	T98-4055	374	V01-1153	118	V01-2304	439	V01-7058	429	V03-1572	434
T90-5966	402	T98-4058	374	V01-1154	427	V01-2305	439	V01-7059	429	V03-1573	434
T94-1119	305	T98-4061	376	V01-1155	427	V01-2306	439	V01-7070	428	V03-1574	434
T94-1120	305	T98-4065	376	V01-1156	427	V01-2307	439	V01-7071	428	V03-1575	434
T94-1121	305	T98-4241	370	V01-1157	427	V01-2322	440	V01-7072	428	V03-1576	434
T94-7525	305	T98-4242	370	V01-1158	427	V01-2323	440	V01-7073	428	V03-1577	434
T94-7526	305	T98-4243	370	V01-1159	427	V01-2324	440	V01-7700	442	V03-1578	434
T94-7527	305	T98-4244	370	V01-1160	427	V01-2325	440	V01-7702	442	V03-1579	434
T94-7528	304	T98-4492	374	V01-1161	427	V01-2326	440	V01-7703	442	V03-1581	434
T94-7529	305	T98-4493	374	V01-1162	427	V01-2327	440	V01-7704	442	V03-1582	434
T94-7530	305	T98-4494	374	V01-1163	427	V01-4056	118	V01-7705	442	V03-1583	434
T96-2350	380	T98-4496	374	V01-1165	427	V01-4057	118	V01-7706	442	V03-7592	434
T96-2352	380	T98-4497	374	V01-1166	427	V01-4058	118	V01-7707	442	V03-7593	434
T96-2354	380	T98-4566	374	V01-1167	427	V01-4059	118	V01-8034	427	V03-7594	434
T96-2357	380	T98-4568	370	V01-1168	427	V01-6992	343	V01-8038	427	V03-7595	434

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
V03-7598	269	V07-8671	437	V07-9719	436	V81-8039	423	V81-8113	409		
V07-1352	437	V07-8672	437	V07-9720	436	V81-8040	423	V81-8114	409		
V07-1353	437	V07-8673	437	V07-9721	436	V81-8041	423	V81-8117	425		
V07-1354	437	V07-8674	437	V07-9722	436	V81-8042	423	V81-8118	425		
V07-1355	437	V07-8675	437	V07-9844	442	V81-8043	423	V81-8119	425		
V07-1356	437	V07-8676	437	V07-9845	442	V81-8044	423	V81-8120	425		
V07-1357	437	V07-8677	437	V07-9846	442	V81-8045	423	V81-8121	425		
V07-1358	437	V07-8680	433	V81-0391	422	V81-8046	423	V81-8397	425		
V07-1359	437	V07-8681	433	V81-0392	422	V81-8047	423	V81-8398	425		
V07-1360	437	V07-8682	433	V81-0395	423	V81-8048	423	V81-8399	425		
V07-1361	437	V07-8683	433	V81-0396	423	V81-8049	423	V81-8400	425		
V07-1362	437	V07-8684	433	V81-0397	423	V81-8055	424	V81-8401	425		
V07-1363	437	V07-8685	433	V81-0398	423	V81-8056	424	V81-8402	425		
V07-1364	437	V07-8686	433	V81-0399	423	V81-8057	424	V81-8403	425		
V07-1365	438	V07-8687	433	V81-0400	423	V81-8058	424	V81-8404	425		
V07-1366	439	V07-8688	433	V81-1139	409	V81-8059	424	V81-8405	425		
V07-1367	440	V07-8689	433	V81-1140	409	V81-8060	424	V81-8406	425		
V07-1900	435	V07-8690	433	V81-1438	435	V81-8061	424	V81-8407	425		
V07-1901	435	V07-8691	433	V81-8005	422	V81-8062	424	V81-8408	425		
V07-1902	435	V07-8692	433	V81-8006	422	V81-8063	424	V81-8409	425		
V07-1903	435	V07-8693	433	V81-8007	422	V81-8064	424	V81-8410	424		
V07-1904	435	V07-8694	433	V81-8008	422	V81-8065	424	V81-8411	424		
V07-1905	435	V07-8695	433	V81-8009	422	V81-8066	424	V81-8412	425		
V07-1906	435	V07-8696	433	V81-8010	422	V81-8067	424	V81-8413	424		
V07-1907	435	V07-8697	433	V81-8011	422	V81-8068	424	V81-8415	425		
V07-1908	435	V07-8698	433	V81-8012	422	V81-8069	424	W04-2908	174		
V07-1909	435	V07-8699	433	V81-8013	422	V81-8070	425	W05-0339	412		
V07-1910	435	V07-8700	433	V81-8014	422	V81-8071	425	W05-0340	412		
V07-1911	435	V07-8701	433	V81-8015	422	V81-8072	425	W05-0342	412		
V07-1921	435	V07-8702	433	V81-8016	422	V81-8073	425	W05-0343	412		
V07-1922	435	V07-8703	433	V81-8017	422	V81-8074	425	W05-0345	412		
V07-8650	437	V07-8708	433	V81-8018	422	V81-8075	425	W05-0347	123		
V07-8651	437	V07-8709	433	V81-8019	422	V81-8076	425	W05-0348	123		
V07-8652	437	V07-8710	433	V81-8020	423	V81-8077	425	W05-7002	412		
V07-8653	437	V07-8711	433	V81-8021	423	V81-8078	425	W05-7025	412		
V07-8654	437	V07-8712	433	V81-8022	423	V81-8079	425	W05-7027	412		
V07-8655	437	V07-9703	436	V81-8023	423	V81-8081	425	W05-7028	412		
V07-8656	437	V07-9704	436	V81-8024	423	V81-8082	425	W05-7029	412		
V07-8657	437	V07-9705	436	V81-8025	423	V81-8084	425	W05-7030	412		
V07-8658	437	V07-9706	436	V81-8026	423	V81-8085	425	W05-7031	412		
V07-8659	437	V07-9707	436	V81-8027	423	V81-8086	425	W05-7032	412		
V07-8660	437	V07-9708	436	V81-8028	423	V81-8087	425	W05-7750	412		
V07-8661	437	V07-9709	436	V81-8029	423	V81-8088	425	W05-7975	412		
V07-8662	437	V07-9710	436	V81-8030	423	V81-8100	426	W05-8150	412		
V07-8663	437	V07-9711	436	V81-8031	423	V81-8101	426	W05-8153	412		
V07-8664	437	V07-9712	436	V81-8032	423	V81-8102	426	W05-8154	412		
V07-8665	437	V07-9713	436	V81-8033	423	V81-8103	426	W05-8155	412		
V07-8666	437	V07-9714	436	V81-8034	423	V81-8104	426	W05-8333	412		
V07-8667	437	V07-9715	436	V81-8035	423	V81-8105	426	W05-8334	412		
V07-8668	437	V07-9716	436	V81-8036	423	V81-8106	426	W05-8335	412		
V07-8669	437	V07-9717	436	V81-8037	423	V81-8107	426	W70-4469	398		
V07-8670	437	V07-9718	436	V81-8038	423	V81-8108	426				

0-9		Bags Grip	134	Bolt Anchors	265
1000V VDE Pliers	310-311	Ball End	133	Bolt Cutters	434
1000V VDE Screwdrivers	318-319	Ball Pien Hammers	334	Bolt Expansion 1A	119, 149
1000V VDE Tools	310-311	Bar Digging	178	Bolt Foundation Indented No.1 & 2	144
110 Insertion Tools	364	Bare Fibre Adaptors	60	Bolts	266
3M Cordset	451	Barrier Tape	173	Bonding Plugs	470
3M Hot Melt Fibre Connectors	60	Barriers Road	173	Box Spanners	326
431A Crimp Style Plugs	416	Basket Tray	434	Brace Coach Screw	112
6 in 1 Blown Fibre Tool	41	Batteries	274, 344	Bracket 32, 22	115
77A & 78A Junction Boxes	414	Baying Clips	374, 376	Bracket Cable Bearer	144
A		Bead Crimper - Blown Fibre	42	Bradawls	335
Above Ground Closure 2/4A	121	Beads - Blown Fibre	42	Brooms	182
Adaptor Rods 1A, 2A, 3A, 5, 7	128	Bellmouth Split	138, 224	Brother Labelling Products	262
Adaptors - RCD	196	Belt Pocket	303	Brush Cylindrical	136
Adaptors - Test	452	Belt Pole 1B	123	Brush Faceplates	408
Adaptors & Chucks - Drills	206	Betaduct	428	Brush Panels	373 & 378
Adhesive (For Rods Continuous)	132	Bevelled Faceplates	408	Brushes and Brooms	182
Adjustable Wrenches	327	Bit Sets	320-322	BT 2003 & 3002 Coax Strippers	357
Aerial Cable Relief Clamp	117	Bix Wire Insertion Tool	365	BT Male to RJ11 Female Adaptor	453
Air Compressor	34-35, 194-195	Blades - Knife	330	BT Modular Plug Crimp Tools	416
Air Dusters	271	Blades - Saw	332-333	BT Modular Plugs	416
Air Inflator - Blown Fibre Duct	44	Blanket Cable Protection	239	Buckets	183
Airflow Gauge Kit- Blown Fibre Duct	44	Blanking Panels	371, 378	BUDI Enclosures	83
Alert 340 Test Telephone	449	Block Insert 1A, 2A	121	Building Distribution Enclosures	83
Anchor Screw Stay No.1	106	Block Terminal 66B	121	Bullet Ends	133
Anchor Stay No.2	106	Blow Torches	341	Bungy Signs	172
Anchoring Clamps	117	Blower Cold Air & Hose	196	Butt Sets	448-449
Angled RJ45 Modules	398, 402	Blown Fibre Bead	42	C	
Anti-Slip Gloves	230	Blown Fibre Bead Crimper	42	C.Scope Rodding Oscillator Sonde	129
Antistatic Wrist Band	470	Blown Fibre Duct Air Inflator	44	Cabinet Screwdrivers	316
Araldite	271	Blown Fibre Duct Airflow Gauge Kit	44	Cabinets - Contract Series 370, 371, 372, 374, 376	
Armoured Cable Slitters	89	Blown Fibre Lubricants	36, 142	Cabinets - Free Standing	372, 374, 382 - 387
Arnold Cover Lifter	156	Blown Fibre Machines	24-30	Cabinets - Server	374, 376, 382-387
Attached Lid Boxes	306	Blown Fibre Tool 6 in 1	41	Cabinets - SoHo	372
Attachment Rod 1A, 2A, 3A, 4A	129-130	Blown Fibre Toolkits	38	Cabinets - Wallboxes	370
Augers	208	Blown Fibre Tools	38-42	Cable - Cat. 5e	394-395
Automatic Centre Punches	335	BNC - Crocodile Clip Lead	457	Cable - Cat. 6	400
B		BNC Connector Removal Tools	359	Cable - Dropwire	412
B.T Dropwire Sheath Stripper	51, 352, 412	BNC Crimp Tools	360	Cable - Fibre	95
Back Boxes	439, 441	Boat Level	339	Cable - Jumper	412
Backpacks	302	Boiler Suits	236	Cable - Twin & Earth	440
		Bolsters	335	Cable - Voice	412

Cable Abrasion Protector	116	Cable Tie Cradles	251	CATV Toolkits	287
Cable Avoidance Tool	460	Cable Tie Guns	250, 252	CATV Tools	356, 358-359
Cable Basket	434	Cable Tie Markers	251	Caulking Guns	270
Cable Bearer Wall Type	144	Cable Tie Supports	251	Ceiling Tray	434
Cable Braids	438	Cable Tie Wall Mounts	251-252	Centre Punches	335
Cable Cleaner	37, 143	Cable Ties	250-253	Chain & Padlocks	217
Cable Clips	267	Cable Tracing Kits	454-455	Chain Pole Jack	109
Cable Cutters	55, 311, 347-348	Cable Tray	379, 390	Chain Puller 3 Ton	109
Cable Dereelers	219-220, 222	Cabling Guides	224-225	Channel Strut Fittings	436
Cable Drum Stands	219-220, 222	Cabling in Progress Sign	173	Channel Supports	435
Cable Drum Trailers	223	Cage Nut Insertion / Removal Tool	375, 379	Check Plugs - Electrical	464
Cable Dumps	379	Caged Nuts	375, 379	Chisel - Channeling	207
Cable Ease Blowing Lubricant	36, 142	Cannon Technologies Products	382-391	Chisels - Hand	335
Cable Glands	443	Cantilever Shelves	371 - 372, 389	Chisels and Points - Power Tools	206
Cable Grips	137	Canvas Sheets	186	Chrome Faceplates	408
Cable Guides	224-225	Capping Steel Nos. 1, 4, 5 & 8	118	Cin Bin - Fibre	58
Cable Holders	267	Cargo Lash	200	Clamp Aerial Cable 2, 4	116
Cable Joe	138, 224	Carpet Tile Lifter	228	Clamp Guide 2A	140
Cable Laying Shovel	177	Carriageway Groundsheet	186	Clamp Meters	464
Cable Lubricant	37, 143	Carriageway Keys	153	Clamps Dropwire 6, 10A	116
Cable Lubricants	36, 142	Cat & Genny	460	Claw Hammers	334
Cable Management Bars	371, 373, 378, 391	Cat 6. Cable	400	Clean Core Cassettes	71
Cable Management Rings	379	Cat 6. Modular Plugs	404	Cleat Wiring	267
Cable Protectors - Rigid	438	Cat 6. Modules	402	Cletops	71
Cable Pulling Lubricants	36, 142	Cat 6. Patch Leads	403	Clip Test	452
Cable Pulling Winches	223	Cat 6. Patch Panels	401	Closed Finger Trunking	428
Cable Reel Stands	219-220, 222	Cat 6. RJ45 Modules	398-399, 402	Closed Slot Trunking	428
Cable Relief Boots Cat. 5e	399	Cat 6. Through Coupler	403	Club Hammers	335
Cable Relief Boots Cat. 6	404	Cat 6A Angled Shutters	406	Coax Cable Cutters	347
Cable Ringing Tools	49	Cat 6A Cables	406	Coax Cable Strippers	49, 356-357
Cable Roller Guides	224-225	Cat 6A Modulators	407	Coax Compression Tools	359
Cable Roller Rails	219	Cat 6A Patch Leads	407	Coax Crimp Tools	360-362
Cable Roller Stands	219	Cat. 5e Cable	394-395	Coax Strippers	49, 356-357
Cable Shears	311	Cat. 5e Cable Relief Boots	399	Coax Termination Sets	362
Cable Sheath Strippers	49-50, 54, 355	Cat. 5e Modules	398-399, 402	Coax Testers	456-457
Cable Slitter (Fibre)	50-51	Cat. 5e Patch Leads	399	Cobra Accessory Kits	131
Cable Spindle Fixing Cones	222	Cat. 5e Patch Panels	396-397	Cobras	131
Cable Strippers	48-54, 356-357, 363, 367	Cat. 5e RJ45 Modular Plugs	399	Coilly Cords	470
Cable Supports	379	Cat. 5e RJ45 Modules	398-399, 402	Cold Cure Activator	59
Cable Tackers	228	Cat. 5e Surface Mount Boxes	398	Cold Cure Adhesive	59
Cable Testers	456-458	Catenary Wire Kit	445	Cold Cure Fibre Kits	57
Cable Tie Bases	251	CATV Tone & Probe Kits	454	Collet Locking Tool	42

Collets Grip Markers (Hobs)	256	Cordless Saw	203	Data Distribution Boxes	432
Combi Drill Drivers	201	Cordless Screwdriver	201	Data Installer Holster Kit	282
Combination Ladders	213	Cordless Vacuums	198	Desiccant Pack 2A	162
Combination Lock	371-372	Cordsets	450-452	Desoldering Pumps	342
Combination Pliers	310-311	Coring Tools	358	Detector - Wire, Pipe & Stud	338
Combination Squares	339	Corning Connector Compression Tool	359	Dewalt Wall Dog Screws	264
Compact DSP Test Set	448	Coupling Rod Duct 3	130	Die Sets	362
Compass Saw	332	Coupling Up Pieces	130	Digalert 350 Replacement BT Lead	453
Component Boxes	304-305	Cover Joint Box 23	148	Digalert Test Butts & Probe	449
Compound I6A, DX5	163	Cover Lifter Hydraulic	156	Digging Bar	178
Compound 21A	162	Cover Lifting Keys	152-154	Digging Spade	177
Compression Tools	359	Crimp Style Plugs 43 1A	416	Disc Caulking	134
Concrete Float	180	Crimp Tool Sets	362	Disconnection Modules 10 Pair	413
Conductor Cleaner	357	Crimp Tools - BT Plug	361	Disconnection Strips	413
Conduit - Accessories	427-429	Crimp Tools - Coax	360-362	Dispenser 1A	220
Conduit - Flexible	429	Crimp Tools - F Connector	358	Dispenser A Frame Universal	220
Conduit - Flexible Contractor Pack	429	Crimp Tools - LMR400 & LMR600	360	Dispenser Dropwire 1A and 2C	220
Conduit - Galvanised Metal	428	Crimp Tools - RJ11	360	Dispenser Sash Line	111
Conduit - Galvanised Metal Flexible	429	Crimp Tools - RJ45	360, 401, 415	Disposable Urinal	239
Conduit - PVC	427	Crimp Tools - Series 43	358	Disposal Gloves	230
Conduit Cutter	427	Crimps - Jelly	416	Divot Bare Fibre Adaptors	60
Conduit Snakes	131	Crimps - Terminal	314	Drainer Newcastle	177
Conduits	427-429	Critchley Marker Kits	254-256	Draw Wire & Tapes	227
Cone Signs	175	Crocodile Clip Lead - BNC	457	Drawrope Dispensers	220
Connection Boxes Telecom	413	Cross Pien Hammers	334	Drawrope No.1	141
Connector Bend No. 1	118	Crowbars	180	Dri-Guard Barrier Cream	272
Connector Bend No. 4	150	Cutter Longitudinal 1A	355	Drill Bit Sets	206, 207, 208, 210
Connector Dropwire 2A	123	Cutter Subduct	39-40	Drill Bit Storage Roll	302
Connector End Caps - Microduct	42	Cutter Tube	39-41	Drill Bits	206-208, 210
Connector Reducers - Microduct	42	Cutters - Bolt	434	Drill Drivers	201
Connector Swivels	135	Cutters - Conduit	427	Drills - Power Tools	201-204
Connector Tools	359	Cutters - Fibre	55	Drop Fibre Strippers	51
Consumables - Fibre Optic	102	Cutters - Flush	309	Drop Trimmer (Coax)	356
Continuity Tester	463	CWI109 Jumper Cable	412	Dropwire Cable	412
Contract Series Free Standing Cabinets	374	CWI128 External Voice Cable	412	Dropwire Stripper	51, 352, 412
Contract Series Server Cabinets	376	CWI308 Voice Cable	412	Dry Lining Backboxes	409
Contractor Pack (Cat. 5e)	397	Cyclops Stripper	357	Dry Lining Boxes	439
Contractor Pack (Cat. 6)	400	D		Drywall Screws	264
Converters - Media	419	Dado PVC Trunking	426	Duct Cutters Fibre	39-40
Copper Cable Strippers	49, 356-358	Data & Voice Toolkits	282-285	Duct Motor 2B	134
Copper Jointing Toolkits	286	Data Cabinets	370, 372, 374, 376, 382-387	Duct Repair Kit 3A	134
Cordless Drill Drivers	201	Data Cable Strippers	357	Duct Rod Accessory Kits 1, 3, 5	128

Duct Rod Pusher	132	Faceplates	408	Fibreglass Duct Rodding	131
Duct Rods	128	Fan Trays	375, 377, 379, 389	Files	336
Dust Masks	234	Faultcaster & Faultcaster Plus	457	Fillers	270
Dust Sheets	186	F-Connector Crimp Tools	358	Fingerless Gloves	230
Dustbins	183	F-Connector Flaring Tools	359	Fire Extinguishers	239
Dymo Rhino Labelling Products	258-259	F-Connector Insertion Tools	359	Fire Resistant Nail Clips	267
Dymo XTL Labelling Products	258-259	F-Connector Termination Aid	359	First Aid Kits	238
E					
Ear Defenders	234	F-Connector Torque Wrenches	359	Fish Wire & Tapes	227
Ear Plugs	234	Ferrule Cleaners	70-72	FIST ETSI Racks	82
Electrical Check Plug	464	Fibre Adaptors	102	FIST Fibre Closures	164
Electrician's Toolkits	288	Fibre Blanks	102	FIST Splice / Patch Shelves	82
Enclosures - Free Standing	372, 374, 382 - 387	Fibre Blowing Machines - Fremco	24-30	Fixing Cones For Cable Spindles	222
Enclosures - Server	374, 376, 382-387	Fibre Blowing Toolkits	38	Flame Retardant Overalls	236
Enclosures - Soho & Multimedia	372	Fibre Blowing Tools	38-42	Flexi Ends	133
Enclosures - Wallboxes	370	Fibre Building Distribution Enclosures	83	Flexible Conduit	429
End Fittings (For Rods Continuous)	132	Fibre Cable	95	Floats	180
Endless Rodding	131	Fibre Cable & Kevlar Cutter	55	Flood Lights	197
Entry Boxes	439	Fibre Cable Strippers	48-54	Floor Boxes	442
Ethernet Plus Switches	418	Fibre Cleaning Kits	68-70	Floor Outlets	442
Eurostyle Bevelled Faceplates	408	Fibre Cleaning Products	70-72	Floor Sockets	442
Eurostyle Modules Cat. 5e	398, 402	Fibre Cleavers	58	Floor Tile Lifters	228
Eurostyle Modules Cat. 6	402	Fibre Cold Cure Termination Kits	57	Flush Cutters	309 & 312
Eurostyle Standard Faceplates	408	Fibre Connector Insertion/Extraction Tool	60	Foam Cleaners	273
Excavating Spoons	179	Fibre Connectors - Field Termination	60	Footprint Wrenches	328
Expansion Plugs	265	Fibre Cutters	55	Forks	177
Extension Ladders	211	Fibre Disposal Container	58	FOSC & FOSCG Fibre Closures	84
Extension Leads	196	Fibre Identifiers	76	Frame & Cover Carriageway	148
Extension Leads Multi-Socket	196	Fibre Inspection & Cleaning Kits	68-70	Frame & Cover Footway No.2	148
Extension Reels	196	Fibre Inspection Probe	454-455	Free Standing Cabinets & Racks	371-379, 382-390
External Cat. 5e Cable	395	Fibre Jointing Toolkits	45	Fremco Fibre Blowing Machines	24-30
External Cat. 6 Cable	400	Fibre Management Kit	101	Fremco Microflow Touch	20 & 26
External Fibre Optic Splice Enclosures	84-85	Fibre Patch Panels	103	Fremco Miniflow Rapid	21 & 28
External Weatherproof Box	413	Fibre Pig Tails	99	Fremco Multiflow	21 & 30
Extractor 57 & 58	365	Fibre Splicer's Toolkits	46-47	Fremco Nanoflow	20 & 24
Eye Bolt and Screw Eye	445	Fibre Stripper 10A	48	Fremco Powerflow	21 & 29
Eye Protection	233	Fibre Strippers	48-54	FTTx Termination Boxes	87
Eye Wash	239	Fibre Stripper 1A	48	Fuel Cans	193
Eyebolt Expanding 1A, 2A	119, 149	Fibre Termination Boxes FTTX	87	Fuel Siphon	193
F					
F.I.G. Fibre Installation Gun	18	Fibre Test Equipment	73-74	Full Body Harnesses	244-245
F.I.G. Gun Accessories	18 & 19	Fibre Tool Bag	56	Fullnuts	266
		Fibre Tube Scoring Tool	53	Funnels	193
		Fibre Wall Boxes	104	Fused Spurs	440

Fusion Splicers	62-63	HDC Tools	358	Inverters	196
G					
Gaffer Tape	268	Head Protection	232-233, 246	IPA Dispensers	59
Galvanised Conduit	428	Head Torches	344	IPA Mix	59
Galvanised Trunking	437	Headset 7A	455	IPA Wipes	70
Gas Detectors	243	Hearing Protection	234	Iron Anchor 4	144
Gas Irons	342	Heat Curing Epoxy	58	J	
Gate Guards & Accessories	172-173	Heat Guns	342	Jabsaws	332
Gel Cable Pulling Lubricant	36, 142	Helmets	232, 246	Jacket Hi-Vis	236
Generators	193	Hex Key Sets	323	Jacks Cable Drum	222
Genny	460	Hex Screwdrivers	323	Jacks Telephone	416
Gland Caulking	134	High Voltage Hand Tools	310-311, 313, 318-319, 331-332	Jelly Crimps	416
Glasses Safety	233	High-Density Voice Panel (25 & 50 Port)	414	Jetting Lube	36-37, 142-143
Gloves	230-231	Hi-Vis Clothing	236	Jobber Drill Bit Sets	207
Glue Guns	271	Hi-Vis Toolbag	236	Jobber Drill Bits	210
Goggles - Safety	233	Holesaws	209	Joint Box 23 & 26	148
GOP Multi-Cutter	203	Hook & Loop	253	Joint Closures	146, 164
Grating Sump 2A	148	Hook & Spudger	363	Joint Couplers (For Rods Continuous)	132
Greenlee (Tempo)Test Telephones	448-449	Hook Aerial Cables	114	Jointers Stools	190
Greenlee NetCat Micro & Netcat Pro 2	458	Hook Plates	445	Jointers Tents	188-189
Grip Coupling 1A	128	Horse Pole	107	Jumper Cable	412
Grip Insulator Pole	116	Hose Blower Cold Air	196	Jumper Stick	363
Grip Pulling Aerial Cable	122	Hose Lay-Flat 3A	192	Junction Boxes - Electrical	440
Grip Stay Anchor	116	Hose Suction 2A	192	Junction Boxes 77A And 78A	414
Grip Stay Pole	116	Hot Melt Fibre Connectors	60	K	
Grip Wire Suspension	116	HSS Taper Drills	209	Karabiners	245
Grips Cable	137	Huawei Style Insertion Tool	365	Kevlar Gloves	230
Grommets	440	Hydraulic Cable Jacks	222	Kevlar Scissors	50 & 55
Guide Cabling 17A	138, 224	Hypoclamp Clamp / Grip	117	Key 9752, 9758	152
Guide Cabling No 1,2, 4A, 4B, 6A, 6B	224	I			
Guide Rod Flexible 3, 4	140	IEC Leads	381	Key Carriageway 2A	153
H					
Hacksaws & Blades	332-333	Impact Drills	201, 203	Key Joint Box 4	152
Hammer Drills	202, 204	Impact Drivers	201	Key Joint Box 5	153
Hammers	334-335	Inductive Search Coil 3A	455	Key Lifting Manhole Cover	153
Hand Protection	230-231	Injectors - PoE	420	Key Pillar	126, 154
Hand Sanitiser	272	Inline Coupler Cat. 6	398	Key Sets	323
Hand Saws	333	INNO Fusion Splicers & Cleavers	62-63	Keystone Jack - Cat 6A	407
Hand Trucks	307	Insertion Tools	364-365	Keystone Jacks - Cat. 5e	398
Hand Wipes	272	Inspection Lamps (110 & 240V)	197	Keystone Jacks - Cat. 6	402
Hard Hats	232-233	Inspection Lights	344-345	Knee Pads	237
Harnesses	244-245	Insulator Stay 2	116	Kneeling Mat	237
		Intumescent Fire Products	446	Knives	330-331
				Krone Cordsets	450
				Krone Outrigger	364

Krone Style Strips	413	Lubricants - Cable	36, 142	Mobras	145
Krone Wire Insertion Tools	364	Lump Hammer	180	Modular Plugs	399, 404, 407, 416
L		M		Modules - Cat 6	402
Label Printers	258, 260, 262	Magnetic Lamps	200	Modules - Cat. 5e	398-399, 402
Label Tapes	259, 261, 263	Mallet	334	Moisture Barrier Kit 267A	158
Ladder Clamps	217	Mandrel Nylon	136	Mole Grips	329
Ladder Leveller	216	Manhole Keys	153	Mounting Buckle	114
Ladder M8rix	216	Manometer IC	469	Multibit Screwdrivers	322
Ladder Stand Off	215	Marking Paint	257	Multicutter	203
Ladder Stops	216	Marking Pens	257	MultiFlow Blowing Machine	21 & 30
Ladder Tags	216	Marrying Sets	130-131	Multimeter - Replacement Lead Set	464
Ladder Tie	108	Masks	234	Multimeters - Electrical	463
Ladders	211-215	Mastic Gun	270	Multimeters - SA9083	456
LAN Tone & Probe Kits	454-455	Mauls	180	N	
Lanyards	244-246	Maxi PVC Trunking	424	Nail Clips Fire Resistant	267
Lapping Paper	59	Maxim Stripper	313	Nails Bonding	113
Laptop Cases	301	Measuring Wheels	185	Nanoflow Blowing Machine	20 & 24
Laser Measure	338	Media Converters	419	NanoFlow Max Blowing Machine	20 & 25
Laser Protection Spectacles	73	Medium Duty Cable Tray	433	NetCat Micro & Netcat Pro 2 Testers	458
Latex Disposable Gloves	230	Mergon Barrier Systems	173	Newcastle Drain Tool	177
Latex Grip Gloves	230	Metal Cable Ties & Clips	252	Non-Magnetic Tools	346
Launch Leads	80	Metal Clad Backboxes, Plates & Sockets	441	NTE5A Boxes	414
Leads - Cat. 5e	399	Metal Detector	338	Nut Spinners	325
Leads - Cat. 6	403	Microclip X3 Gas Detectors	243	Nuts & Bolts	266
Leads - Fibre	96-100	Microduct Connector End Caps	42	Nylon Faced Hammers	334
Leads - Test	450-453, 464	Microduct Connector Pliers	42	O	
Levels	339	Microduct Connector Reducers	42	ODFs	81
Lid Boxes	306	Microduct Cutters	39-41	Oil Spillage Kit	242
Lifter Manhole Cover 4B	156	Microduct Measuring Gauge	42	Open Finger Trunking	428
Light Source - Fibre Optic	74	Microduct Reaming & Deburring Tool	41	Open Slot Trunking	428
Line Adaptors	415	Microduct Rounding Tool	41	Operating Bar (Large)	109
Line Cord 300A	453	MicroFlow Log Blowin Machine	20 & 27	Optical Distribution Frames	81
Line Jacks	414	MicroFlow Touch Blowing Machine	20 & 26	Organisers	304-305
Link Cabling No.1 & 2	135	Microlite	215	OTDR Launch Leads	80
Lint Free Cloths	70	Mid-Span Access Fibre Slitters	53	OTDRs	78-79
Lithium-Ion Batteries	201-203	Miller Strippers	48	Outlets - Telephone	414
LJ6C Modules Cat. 5e	397	Mini PVC Trunking	422	Outriggers	453
LJ6C Modules Cat. 6	402	Miniature Pliers & Cutters	312	Overalls	236
LMR400 & LMR600 Crimp Tools	360	MiniFlow Rapid Blowing Machine	21 & 28	Overshoes	235
Lolipops	452	Minim Stripper	313	P	
Long Nose Pliers	308, 310-311	Mobra Arms	145	Padlocks	217
Longitudinal Stripper	49-50, 53, 355	Mobra Mounting Brackets	146		

Podsaws	332	Plug Creosoted	113	Pump Submersible	192
Paint Marking	257	Plugs - Data & Voice	416	Pump Utility Bailers	192
Pair tracers	454-455	Plugs - Electrical	196	Punchdown Tools	364-365
Pallet Wrap	269	Plumb Bobs	339	Punches	335
Paper Towels - Roll	272	Pocket Coax Tester	456	Punners	178-179
Parts Boxes	305	POD Boxes	432	PVC Conduit	427
PAT Tester	463	PoE Products	419-420	PVC Disposable Gloves	230
Patch Leads - Cat. 5e	399	Pointing Trowels	180	PVC Tape	268
Patch Leads - Cat. 6	403	Pole Jack	109	Q	
Patch Leads - Fibre	96-100	Pole Labels	108	QDF Wire Insertion Tool	365
Patch Panels - Cat. 5e	396-397	Pole Sock	108	R	
Patch Panels - Cat. 6	401	Pole Splicing Work Tray	125	Rabbiting Spade	178
Patch Panels - Fibre	103	Pole Tents	188	Rack Mount Fan Units	379
Patch Panels - SoHo Multimedia	373	Polemate	64	Racks	371-390
Patch Panels Cat 6	401	Polishing Jigs	59	Radiodetection	460
Patch Panels Cat 6A	406	Polishing Pads	59	Radiodetection SPX Flexitrace	460
Patching Frames	370	Polishing Paper	59	Radiodetection SPX S18 Sonde	132
P-Clips	432	Pouyet Cordsets	450	Rangefinder Laser	338
PDUJs	373, 380-381	Pouyet Wire Insertion Tools	364	Ratchet Cable Cutters	348
Pedestrian Guards	172	Power Distribution Units	373, 380-381	Ratchet Spanner	326
Pens	257	Power Meters	74	Ratchet Tie Down & Strap	200
Personal Protection Equipment Kit	232	Power Over Ethernet	419-420	Rawlplugs	265
Petrol Winches	223	PowerFlow Blowing Machine	21 & 29	Receiver Headgear 17B	455
Pick Axes	180	PPE Kit	232	Reel Hose 6	134
Pig Tails	99	Precision Screwdrivers	317	Reflex Gloves	230
Pin Locking Cable Bearer	144	Prelube 2000 & 5000 Cable Lubricants	143	Replacement BT Lead - Digalert 350	453
Pin Punches	335	Premises Capping and Covers	150-151	Replacement Hook (Key Joint Box 4, 5)	153
Pins Steel	267	Pre-Terminated Fibre Cable	95	Replacement Lead Set - SA9083	452,456
Pit Lifting Keys	152-154	Probe Pole Test	107	Replacement Rods	131
Pit Roller Bar	152	Propane Coupling	158	Resin Pack 2B, 6C, 7A, 7B, 9B, 10B, 14C	162-163
Pitmate	65	Propane Equipment	157-158	Respirators FFP2, FFP3	234
Plasters	239	Propane Regulator	157	Rhino Labelling Products	260-261
Pliers - Combination	310-311	Protection Mat	186	Rigger Gloves	231
Pliers - Gas	329	Protector 18C and 21A	413	Rigging Head 1A	126
Pliers - Long Nose	308, 310-311	Protector and Earthing Bar	413	Rigging Weight 1A	126
Pliers - Microduct Connector	42	Protector Mounting 5B	413	Right Angle Patch Panel (Cat 5e)	396
Pliers - Rod Sweep	129	Pruners	333	Rigid Cable Protectors	438
Pliers - Slip Joint	308 & 328	Pulley Dropwire 4, 6	122	Ring Polehead	112
Pliers - Snipe Nose	312	Pulling Eye Subduct	136	Ring Polehead Stand-Off I	112
Pliers - Waterpump	328	Pulling Winches	223	Rivets Aluminium	267
Pliers - Wiring	309	Pump Lubricant 2A	36, 142	Rivetter 1A	158
Plinths	390	Pump Portable & Accessories	192	RJ11 Crimp Tools	360

RJ11 Female to RJ45 Male Adaptor	453	Scissors Kevlar	50 & 55	Shelves - Sliding	375, 377, 388
RJ11 Plugs	416	Scotchlok™ Crimps & Crimp Tool	416	Shelves - Telescopic	375, 377, 388
RJ45 Boots	399, 404	Screw Coach 3"	112	Shovel Cable Laying	177
RJ45 Crimp Tools	360, 401, 415	Screwdriver Sets	315-319	Shovel Holers	179
RJ45 Modular Plugs Cat. 5e	399	Screwdrivers	315-319, 322-324	Shovel Stoking	176
RJ45 Modular Plugs Cat. 6	404	Screwdrivers - 1000V VDE	318	Shovel Trenching	177
RJ45 Modules Cat. 5e	398-399, 402	Screwdrivers - Bit Sets	320-322	Shovels	176-177
RJ45 Modules Cat. 6	402	Screwdrivers - Cabinet	316	SID Cordsets	450
RLS50 Cordset	451	Screwdrivers - Hexagon	323	SID Wire Insertion Tool	365
Road Barriers	173	Screwdrivers - Mains Tester	317	Side Cutters	308-310, 312
Road Cones	173	Screwdrivers - Multibit	322	Sin Bin	58
Road Signs	175	Screwdrivers - Precision	317	Site Boxes	200
Rod & Frames	131	Screwdrivers - Tamperproof Torx	324	Site Lighting	197
Rod Sets (Internal)	226	Screwdrivers - Torx	324	Sleeve Dropwire Protection 2A	123
Rods Duct	128	Screwdrivers - Watchmakers	317	Sleeving Braids	438
Rods Telescopic	109	Screwdrivers Insulated	318-319	Slick-Line	141
Roller Ends	133	Screws - Cavity Wall	265	Sling Lifting 4A, 5A, 6A, 10A	111
Roller Rope Guiding Surface	138, 224	Screws - Plaster Board	265	Sling Wire Rope 1A	110
Ropes Cabling No.1 and No.4	141	Screws - Self-Tapping	264	Slip Joint Pliers	328
Rotary Hammer Drills	202, 204	Screws - Wood	264	Slippery Fish Cable Stripper	51
Rounding Tool - Microduct	41	SDS Adaptors	206	Snap-Off Knives	330
Rubber Mallet	334	SDS Drill & Steel Drill Sets	207	Snipe Nose Pliers	312
Rubber Mauls	180	SDS Hammer Drills	202, 204	Snow Socks	200
Rucksacks	302	SDS Masonry Drill Bits	207	Socket Check Plugs	464
S		Sealant Gun	270	Socket Outlets - Electrical	440
S.D.S Adaptors	206	Sealants	270, 446	Socket Sets	320, 325
SA9083 Multimeter	456	Security & Alarm Tracing Kits	454	Sockets - Electrical Site	196
SA9083 Replacement Lead Set	452, 456	Security Drivers & Bit Sets	324	Soho Cabinets & Accessories	372-373
Sabre Saw	203	Self Adhesive Backboxes	409	Solder	342
Sack Trucks	307	Self Adhesive Mini PVC Trunking	422	Soldering Irons	342
Safecamp Ladder Clamps	217	Self Adjusting Cutter Stripper	313	Soldering Kits	342
Safegate Gate Guards	172	Self Grip Wrenches	329	Soldering Stand	342
Safety Belts	244-245	Series 43 Crimp Tools	358	Solvent Adhesive	271, 427
Safety Harnesses	244-245	Server Cabinets & Racks	374, 376, 382-387	Sonde	462
Safety Voltage Indicator	464	Service Engineer's Toolkits	278-281	Space Bars	379
Safety Glasses & Goggles	233	SFP Port Modules	419	Spade Digging	177
Sandbags	173	Shackle Nos. 1, 2	140	Spade Rabbiting	178
Sandbags Hessian (Empty)	182	Sharpie Pens	257	Spades	176-178
Sanitiser	272	Sharps Bin	58	Spanner Cranked 10mm	119, 149
Sash Line 2, 15	111	Sheets	186	Spanners	326-327
Saws	332-333	Shelves - Cabinets 370 - 372, 374 - 377, 382 - 389		Spectacles Laser	73
Scissors	50, 331	Shelves - Fixed	375, 377, 388	Spiral Wrap	438

Spirit Levels	339	Strip Connection 237D & 237E	413	Technicians Cases	294
Splice & Connector Cleaners	70	Strip Designation 53A	413	Telecom Connection Boxes	413
Splice Cassettes	101	Strippers - Cable Sheath	355	Telecom Line Splitter	415
Splice Enclosures	84-85	Strippers - Coaxial	49, 356-357	Tele-Mate Test Telephones	449
Splice Protectors	102	Strippers - Electrical Cable	313	Telenco Banding Tool	114
Splicers	62-63	Strippers - Fibre Optic	48-54	Telenco Cable Clamp	117
Splicer's Table	64-67	Strippers - Twisted Pair	357	Telephone And Modem Adaptors	415
Splicer's Worktray	64-67	Strippers - Wire	313	Telephone And Modem Extension Leads	416
Splicing Fid	141	Strips Aluminium	113	Telephone Boxes	414
Splicing Work Tray	125	Structured Cabling Testers	458	Telescopic Ladders	211
Split Bellmouth	138, 224	Stud Expanding 1A	119, 149	TENIO Fibre Closures	85
Splitter Box	196	Studding	435	Tensioner 2B	123
Splitters	420	Subduct Cutters	39-40	Tensioner 3A	110
Spoil Sheet	186	Subduct Pulling Sling	136	Tensioner Wire Stay	106
Spoons Excavating	179	Submersible Pump	192	Tensioners	250
Spray Dewatering	271	Suction Hose	192	Tents	188-189
Sprail Bind	438	Suction Lifters	228	Terminal Crimping Tools	314
Spring Ends	133	Suparule Height Meter Digital	109	Terminal Strips - Electrical	440
Spring Nuts	435	Superglue	271	Termination Tools	364-365
Spring Steel Bars	336	Suspension Clamp	117	Test Leads	450-453
Spudger	363	Switches - Networking	417-420	Test Telephones	448-449
Spurs Electrical	440	Swivel Joints	135	Tester 132J Kit	455
Stripper Cable Sheath No.5A	49	Syphon	193	Tester 430A & B	456
Stair Climbing Trolleys	307	Syringe Dispenser - Fibre	58	Thermometer Infrared	470
Stand Drawrope	220	T		Threaded Rods	435
Standard Faceplates	408	T Handle 20" Manhole Key (Pair)	154	Through Coupler Cat 6	403
Stanley Knives	330	Tabbing Shears	348	Titanium Tools (Non-Magnetic)	346
Staplers	228	Tackers	228	Tone & Probe Kits	454-455
Staples Galvanised	118-119, 149	Tag Marker	251	Tone Tracer Kits	454-455
Static Safe Kit	470	Tailed Line Adaptors	415	Tool Aprons, Pouches and Belts	302-303
Steel Bars	336	Tamperproof Torx Screwdrivers	324	Tool Backpacks	302
Steel Rules	339	Tape Measures	337	Tool Bag - Fibre	56
Step Ladders	213-215	Taper Drills HSS	209	Tool Bags	299-300
Step Manhole No.1 & 2	144	Tapes - Densyl	268	Tool Boxes	298
Steps Pole No.1	112	Tapes - Gaffer	268	Tool Cases	294-295, 297, 301
Sticklers Fibre Cleaning Products	70-72	Tapes - Hazard Warning	268	Tool Chests	296
Stoking Shovel	176	Tapes - PVC Insulation	268	Tool Pouches	302-303
Stools	190	Tapes - Self Amalgamating	268	Tool Roll	300
Straight Shank Masonry Drill Bits	208	Tarpaulins	186	Tool Rucksacks	302
Strap Temporary Hold No. 1, 2	110	TDRs	457	Tool Tote Bags	299
Strap Tensioning 1A, 2A	110	TDUX Equipment	169	Tool Wallet	300
Straps Cable Fixing	250	Techlube	36, 142	Toolkits - 1000V VDE	289, 290, 292

Toolkits - Blown Fibre	38	TX Star Key Sets	324	WD40	271	
Toolkits - CATV	287	TX2002 TDR	457	Wedge Locking 23A , 24A and 25A	413	
Toolkits - Copper Jointing	286	TX6000 TDR	457	Wet & Dry Vacuum	199	
Toolkits - Data & Voice	282-285	TX8000	457	Wet Wipes	272	
Toolkits - Electrician's	288	U			Winches	223
Toolkits - Fibre Cold Cure	57	U Tape Measure Fusion	372, 375, 377	Wipes - Cable Cleaning	37, 143	
Toolkits - Fibre Inspection & Cleaning	68-72	Umbrella Clamps	187	Wipes - Hand	272	
Toolkits - Fibre Jointing	45	Umbrellas	187	Wire Brushes	182	
Toolkits - Fibre Splicing	46-47	Unistrut Type Channel	435	Wire Cable Basket	434	
Toolkits - Service Engineer's	278-281	Universal 19" Mounting Bracket	379	Wire Insertion Tools	364-365	
Torches	344-345	Urinal	239	Wire Map Tester	458	
Torque Wrenches	359	URLS Cordset	451	Wire Strippers	313	
Torx Drivers & Bit Sets	317, 320-322, 324	U-Shackle	133	Wire Thimbles	445	
Torx Screwdrivers	324	Utilities Key 4 Way	155	Wiring And Cable Tackers	228	
Tote Bags	299	UTP Cable	394-395	Wood Augers	208	
Tote Containers	306	UTP/STP Cable Strippers	357	Wood Screws	264	
Traffic Sandbags	173	UTP/STP Termination Kit	361	Work Area Protection Mat	186	
Transformers	196	V			Work Platforms	216
Trenching Forks	177	Vacuums	198-199	Work Positioning Belt	244-245	
Trenching Shovel	177	Van Kits	276	Work Tray Pole Splicing	125	
Tri-Hole Miller Fibre Stripper	48	Van Vaults	200	Workbenches	190	
Trim Tool Kits	470	Velcro Ties	253	Worklights	344-345	
Trolleys	307	Visual Fault Locators	73	Wrecking Bars	180, 336	
Trousers Hi-Vis	236	Voice Cable	412	Wrench Sets	326	
Trowels	180	Voice Modules	414	Wrenches	326-329	
Trumeter Measuring Wheel	184, 338	Voice Patch Panels	414	Wrenches - Adjustable	327	
Trunking	422-426, 437	Voltage Detectors	465	Wrenches - Footprint	328	
Trunking - Dado PVC	426	W			Wrenches - Self Grip	329
Trunking - Galvanised Metal	437	Waist Coat Hi-Vis	236	X		
Trunking - Maxi PVC	424	Wall Boxes & Adaptors - Fibre	104	X Board Cable & Flexible Conduit Dispenser	122	
Trunking - Mini PVC	422	Wall Boxes / Cabinets	370	X Board Multi Function Mandrel	122	
Trunking - Mini PVC Self Adhesive	422	Washer Galvanised 4, 16, 17, 18, 19	113	XTL Labelling Products	258-259	
Trunking Accessories	422-426, 437	Washers	266, 435	Z		
Trunking Cleaner	273, 426	Watchmakers Screwdriver	317	Zebedees	435	
Tube Cutters - Fibre	39-40	Water Containers	183	Zinc Galvanising Spray Silver	271	
Tube Measuring Guage	42	Water Pumps	192			
Tube Reaming & Deburring Tool	41	Water Sampling Kit	241			
Tweezers	73	Waterproof PVC Gloves	230			
Twin & Earth Cable	440	Waterproof Sheets	186			
Twist Drill Bits	210	Waterproof Suit	235			
Twisted Pair Strippers	357	Waterpump Pliers	328			
Twister Pole	107					



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