



Structured Cabling,
Cable Management &
Specialist Tooling for the
Communications Industry

2017/18



**THE ONE-STOP SHOP FOR
NETWORK INSTALLERS**

For 99 years Mills has been providing its customers with the **RIGHT PRODUCTS** at the **RIGHT PRICE, ON TIME.**

Tools are where we started, way back in 1918 and we still lead the way today. Inside this catalogue you will find the most comprehensive range of specialist communication tools on the market - many of which have been developed and designed by us to meet your specific requirements. Our range of fibre optic tools and blown fibre installation tools has grown significantly to assist with the rapidly expanding fibre infrastructure and FTTx roll-out in the UK and worldwide.

The Mills catalogue is one of only a few in its industry to include prices and, due to the current economic climate, some published prices may be subject to change.

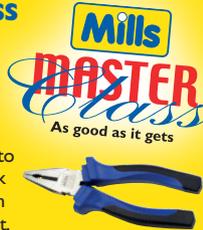
TOP BRANDS



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.




Fusion
ALTOGETHER BETTER

Mills is the MAIN DISTRIBUTOR for Fusion Integrated Structured Cabling and Fibre Optic Solutions.

SHOP AT OUR TRADE COUNTER UNIT 9 FAIRWAY DRIVE!

- Open Mon - Fri (8am - 5:30pm, closes 5pm Fridays)
- Call and collect or just pop in with your purchase order
- Large range of cabinets & fibre optic cable in stock
- 'Manager's Special' exclusive deals
- Friendly, helpful service with a smile
- Sit and enjoy a hot drink while your goods are picked



It's EASIER THAN EVER to order online at millsltd.com

- Check out the latest new product additions
- Take advantage of online-only exclusive promotions
- View the latest prices on cable, power tools, active & test kits
- Order on the go - mobile & tablet friendly
- Faster, easier access to your essential products with simple search, navigation and filters

Demonstrations, training sessions, meetings and **so much more!**

Mills cordially invites its customers and partners to take advantage of its **new purpose-built facility** for meetings, product demonstrations and training sessions. It is available **free of charge**.



Mills' meeting room benefits from:

- **60" LCD TV display**
- **Projector with 90" screen**
- **30W stereo sound system**
- **Networked PC**
- **Free WiFi access**
- **Free network connections**
- **Printing facilities (upon request)**
- **Fibre blowing machines and test track**
- **Access to entire Mills product portfolio**
- **Ample on-site car parking**



Location: Mills Ltd, 13 Fairway Drive, Greenford, Greater London, UB6 8PW.



For bookings, email: sales@millsLtd.com or call **020 8833 2626**

All **NEW** for 2017!

Blown Fibre Tools & Toolkits

Pages 79-82 >>

- Blown Fibre Toolkits
- Fibre Blowing Cable Lubes
- Microduct Cutters
- Subduct Cutters
- Microduct Deburring Tools
- Microduct Connector Pliers
- Duct Integrity Verification Tools



Blowing Machines To Rent & Purchase

Pages 66-75 >>

- Fremco Nanoflow
- Fremco Microflow Touch
- Fremco Miniflow Rapid
- Fremco Powerflow
- Fremco Multiflow
- Fremco Hydraulic Power Pack
- Compressors



Fibre Optic Hand Tools & Toolkits

Pages 83-99 >>

- Fibre Cable Strippers
- Fibre Cable Cutters
- Fibre Splicer's Kits
- Cold Cure Fibre Termination Kits
- Fibre Inspection & Cleaning Kits



All NEW for 2017!

Communications & Service Toolkits

Pages 174-189 >>

- Custom Built Toolkits
- Van Kits
- Service Engineer's Toolkits
- Data & Voice Toolkits
- Copper Joiner's Toolkits
- CATV Toolkits
- Electrician's Toolkits
- 1000V VDE Toolkits



Fluke Networks Fibre Test Equipment

Pages 103-111 >>

- VisiFault™ Visual Fault Locator
- Fiber QuickMap™ Troubleshooter
- Fiber OneShot™ Pro Troubleshooter
- SimpliFiber® Pro Optical Loss Test Kits
- CertiFiber® Pro Optical Loss Test Kits
- OptiFiber® Pro OTDR Kits



VeEX Fibre Test Equipment

Pages 112-116 >>

- FX40 Series Light Source & Power Meters
- DI-1000 Digital Inspection Scope
- OPX-BOX+ Compact OTDR
- FX150 Mini OTDR
- MTTplus Modular Test Platform
- FX300 Multi-Function Test Platform



All NEW for 2017!

Fluke Networks Copper Test Equipment **Pages 350-368 >>**

- Test Telephones & TDR Test Sets
- Tone & Probes
- Pocket Toners
- Cable Fault Finders
- Micromapper™ Wiremap Tester
- MicroScanner2™ Cable Verifier
- CableIQ™ Qualification Tester
- MicroScanner2™ Cable Verifier
- DSX-5000 & 8000 Cable Certifiers



Cannon Technologies Cabinets **Pages 22-31 >>**

- SmartNet Network Cabling Cabinets
- SmartNet Network Server Cabinets
- ServerSmart Server Cabinets
- Plinths
- Shelves
- Fan Trays
- Cable Management
- Castors & Feet



External Telecoms & Broadband Cabinets **Page 126 >>**

- Copper Networks
- Fibre Networks
- Broadband Networks



CONTENTS

CABINETS & ENCLOSURES

9

Cabinets, Wall Boxes, Trays, Fans & Accessories

STRUCTURED CABLING PRODUCTS

33

Cat 5e & Cat 6 Patch Panels, Modules, Cable & Patch Leads

FIBRE OPTIC PRODUCTS & TOOLING

49

Fibre, Patch Cords, Connectors, Fibre Blowing, Fibre Hand Tools, Closures, Splicers & Testers

VOICE PRODUCTS

119

Voice Cable, Connection Boxes, Plugs, Leads, Connectors, Telephone & Modem Adaptors

ACTIVE EQUIPMENT

127

Ethernet Switches, Media Converters, Power Over Ethernet, Routers, Access Points

AUDIO VISUAL & COAXIAL

133

Racks, Keystone Modules & Panels, Faceplates, Coax Cable, Adaptors, Connectors, Plugs

CABLE MANAGEMENT

141

Trunking (Standard, Maxi, Dado, Bench, Coiled, & Galvanised), Rigid Conduit (PVC & Galvanised), Betaduct Finger Trunking, Flexible Conduit, Data Distribution Boxes, Cable Tray, Cable Basket, Cable Protectors, Power Poles, Back Boxes, Floor Boxes, Electrical Products & Intumescent Fire Products

TOOLING

173

Toolkits	174	Cutting Tools	256
Tool Storage	190	Ladders	260
General Handtools	204	Contractors Tools & Site Equipment	264
Cable Preparation & Termination Tools	237	Cable Handling	283
Power Tools	253	Safety Equipment	293

EXTERNAL OVERHEAD & UNDERGROUND

301

External Overhead	301	External Underground	313
-------------------	-----	----------------------	-----

TEST EQUIPMENT

347

Test Telephones, Cordsets & Adaptors, Cable Tracers, TDRs, Structured Cable Testers & Electrical Meters

CONSUMABLES

373

Cable Ties, Pens, Label Printers & Tapes, Fixings & Fastenings, Tapes, Adhesives & Sealants, Batteries & Wipes

INDEX

394

Part Number Index, Alphabetical Index

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.

HOW TO ORDER

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

1

BY TELEPHONE:
020 8833 2626

2

BY FAX:
020 8833 2600

3

FROM OUR WEBSITE:
millsltd.com

4

BY EMAIL:
sales@millsltd.com

HOURS OF BUSINESS

MONDAY TO THURSDAY 8.00 AM - 6.00 PM,
FRIDAY 8.00 AM - 5.00 PM

DELIVERY - FREE UK MAINLAND DELIVERY*

England, Scotland, Wales (excludes Scottish Highlands)

FREE next working day delivery on all in-stock orders over £100.

Same Day - POA

Pre 9:30am - POA

Before 10:30am - £26.95

Before Noon - £14.95

Saturday before Noon - £36.50

Overseas - POA

- Northern Ireland, Eire, Channel Islands and Scottish Highland 'next day' deliveries usually operate on a 3 working day service - please call sales for costs.

* All orders under £100 will incur a small order charge of £9.95

** Consignments over 30kg, palletized deliveries, Free Standing and Server Cabinets will attract a competitive delivery price (see below for more info).

** 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.

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.



For the sake of expediency, we may arrange for larger items to be despatched direct from the manufacturer. Such items are indicated by this symbol and may incur an extra delivery charge.

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.



CHEQUE

Cheques for collection must be supported by a valid bank guarantee card and made payable to "Mills Ltd".

ACCOUNT

Accounts may be opened within 4 hours, subject to status, following receipt of a completed account application form. Please contact our Accounts Department direct on **020 8833 2622** for further details.

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 393)

TRADE COUNTER

Trade Counter Hours: Mon-Fri 8am to 5:30pm (Friday 5:00 pm)

9 Fairway Drive, Fairway Ind Est, Greenford, Middlesex UB6 8PW



MILLS M25 'SAME DAY' DELIVERY

From a single parcel to a container-load delivered anywhere within the M25, just call **0208 833 2626** for an instant response to your last minute delivery requirements. (Subject to location - prices may vary)



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

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 2644** for this information.



Sales/Technical Support

tel: **020 8833 2626**

fax: 020 8833 2600

Cabinets & Enclosures



Free Standing Cabinets

Server Cabinets

Wall Boxes

Patching Frames

SoHo Cabinets

SoHo Accessories

Shelves

Plinths

Trays

Fan Units

Cable Management Bars

Blanking Panels

Brush Panels

Cage Nuts

Baying Kits

Power Distribution Units

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 CONTRACT SERIES SINGLE SECTION WALL BOXES

Dimensions: Width 600mm x Depth 450mm



PART NO.	DESCRIPTION	PRICE
T98-9006	6U SINGLE SECTION WALL BOX	51.50
T98-9005	9U SINGLE SECTION WALL BOX	64.13
T98-9004	12U SINGLE SECTION WALL BOX	75.57
T98-0649	15U SINGLE SECTION WALL BOX	86.00
T98-4568	18U SINGLE SECTION WALL BOX	98.70

FUSION CONTRACT SERIES TWO SECTION WALL BOXES

Dimensions: Width 600mm x Depth 550mm



PART NO.	DESCRIPTION	PRICE
T98-9007	6U 2 SECTION WALL BOX	88.74
T98-9008	9U 2 SECTION WALL BOX	103.29
T98-9009	12U 2 SECTION WALL BOX	116.45
T98-4063	15U 2 SECTION WALL BOX	129.19
T98-4569	18U 2 SECTION WALL BOX	142.31

FUSION CONTRACT SERIES EXTRA DEEP SINGLE SECTION WALL BOXES

Dimensions: Width 600mm x Depth 600mm



PART NO.	DESCRIPTION	PRICE
T98-4241	6U EXTRA DEEP WALL BOX	61.35
T98-4242	9U EXTRA DEEP WALL BOX	72.40
T98-4243	12U EXTRA DEEP WALL BOX	86.26
T98-4244	15U EXTRA DEEP WALL BOX	98.09
T98-4570	18U EXTRA DEEP WALL BOX	113.36

FUSION CONTRACT SERIES CORNER WALL BOXES

Dimensions: Width 600mm x Depth 430mm



PART NO.	DESCRIPTION	PRICE
T98-6788	6U CORNER WALL BOX	48.86
T98-6789	9U CORNER WALL BOX	59.72
T98-6421	1U CANTILEVER SHELF FOR CORNER WALL BOX	6.95

FUSION CONTRACT SERIES CANTILEVER SHELVES

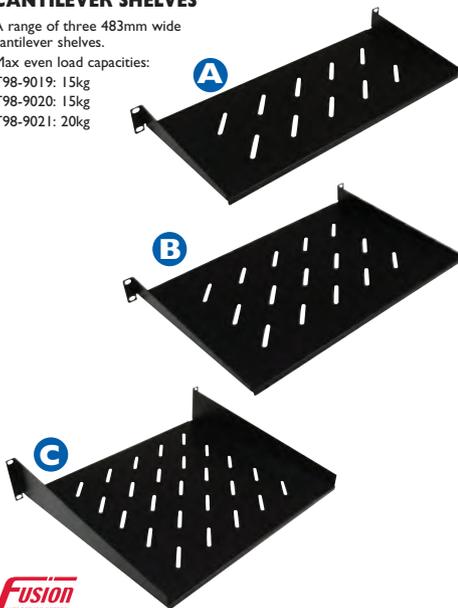
A range of three 483mm wide cantilever shelves.

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	8.20
T98-9020	B) 300MM 1U CANTILEVER SHELF CONTRACT	9.95
T98-9021	C) 400MM 2U CANTILEVER SHELF CONTRACT	13.98

FUSION STANDARD CABLE MANAGEMENT BAR

Available in 1U and 2U sizes with four 70mm Management Rings – Black finish.



PART NO.	DESCRIPTION	PRICE
T70-2406	1U MANAGEMENT BAR	4.56
T70-2407	2U MANAGEMENT BAR	9.40

FUSION BRUSH PANELS

Used to give a smarter appearance to a cabinet, and prevent dust ingress.

Available in 1U height.



PART NO.	DESCRIPTION	PRICE
T70-2372	1U BRUSH PANEL	10.95

FUSION CONTRACT SERIES 19" HINGED PATCHING FRAMES



Dimensions:
Width 510mm x
Depth 150mm
40kg load capacity

PART NO.	DESCRIPTION	PRICE
T98-0645	2U 19" HINGED PATCHING FRAME	23.95
T98-0646	4U 19" HINGED PATCHING FRAME	25.08
T98-0647	6U 19" HINGED PATCHING FRAME	26.14
T98-2891	8U 19" HINGED PATCHING FRAME	28.01
T98-2878	9U 19" HINGED PATCHING FRAME	30.44
T98-2879	12U 19" HINGED PATCHING FRAME	37.76

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	3.65
T70-2409	2U BLANKING PANEL	5.11
T70-2410	3U BLANKING PANEL	5.33
T70-2411	4U BLANKING PANEL	7.62
T70-2564	1 SPACE BLANK 15MM	3.90
T70-2565	2 SPACE BLANK 30MM	3.90

FUSION CAGE NUTS & CAGE NUT TOOL

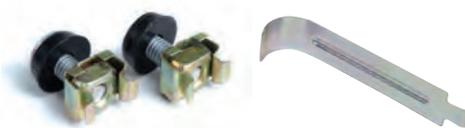


Fusion Cage Nut Sets M6 x 16mm

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	6.59
T70-2367	ZINC PKT 100 CAGED NUT SET	11.45
T70-2508	BLACK PKT 100 CAGED NUT SET	12.45
C00-0113	CAGED NUT INSERTION/REMOVAL TOOL	5.78

FOR A FULL RANGE OF CABINET ACCESSORIES, SEE PAGES 18-19



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

Dimensions: Width 310mm x Depth 300mm



Dimensions: Width 310mm x Depth 310mm



PART NO.	DESCRIPTION	PRICE
T98-0628	A) 4U FUSION SOHO CABINET	34.09
T98-0629	B) 8U FUSION SOHO CABINET	45.41

FUSION SOHO CANTILEVER SHELF

Dimensions:
Width 270mm x Depth 150mm

Load Capacity: 15kg



PART NO.	DESCRIPTION	PRICE
T98-0630	SOHO CANTILEVER SHELF	8.30



FUSION SOHO METAL CABLE MANAGEMENT BAR

PART NO.	DESCRIPTION	PRICE
T98-0631	SOHO CABLE MANAGEMENT BAR	5.10

FUSION SOHO VELCRO LOOP CABLE MANAGEMENT BAR

PART NO.	DESCRIPTION	PRICE
T70-9879	SOHO VELRO CABLE MANAGEMENT BAR	6.95

FUSION IU SOHO BLANKING PLATE & IU SOHO VENTING PANEL

PART NO.	DESCRIPTION	PRICE
T98-0632	A) IU SOHO BLANKING PLATE	1.97
T98-0633	B) IU SOHO VENTING PANEL	2.15

FUSION SOHO PDU 3-WAY

PART NO.	DESCRIPTION	PRICE
T98-6019	3-WAY SOHO PDU	19.95

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 IU	19.22

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	8.35

Contract Series Free Standing Cabinets

Altogether better because...

FUSION
ALTOGETHER BETTER

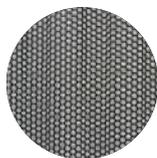
- Low cost, high value
- In stock now, for next day delivery



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 8 FOR
DELIVERY
COSTS

PART NO.	DESCRIPTION	PRICE
T98-4566	12U 600 (W) X 600 (D) MM GLASS	172.44
T98-4730	12U 600 (W) X 800 (D) MM GLASS	178.19
T98-4567	12U 800 (W) X 600 (D) MM GLASS	183.94
T98-9030	18U 600 (W) X 600 (D) MM GLASS	195.44
T98-4492	18U 600 (W) X 600 (D) MM MESH	206.94
T98-9031	27U 600 (W) X 600 (D) MM GLASS	232.82
T98-4493	27U 600 (W) X 600 (D) MM MESH	250.07
T98-4054	27U 800 (W) X 600 (D) MM GLASS	269.85
T98-4495	27U 800 (W) X 600 (D) MM MESH	287.10
T98-4055	27U 800 (W) X 800 (D) MM GLASS	292.85
T98-4496	27U 800 (W) X 800 (D) MM MESH	310.10
T98-9032	27U 600 (W) X 800 (D) MM GLASS	257.31
T98-4494	27U 600 (W) X 800 (D) MM MESH	274.56
T98-9033	39U 600 (W) X 600 (D) MM GLASS	270.54
T98-4497	39U 600 (W) X 600 (D) MM MESH	291.24
T98-4056	39U 800 (W) X 600 (D) MM GLASS	322.86
T98-4499	39U 800 (W) X 600 (D) MM MESH	343.56
T98-9034	39U 600 (W) X 800 (D) MM GLASS	305.04
T98-4498	39U 600 (W) X 800 (D) MM MESH	325.74
T98-4057	39U 800 (W) X 800 (D) MM GLASS	362.88
T98-4500	39U 800 (W) X 800 (D) MM MESH	383.58
T98-4058	42U 600 (W) X 600 (D) MM GLASS	320.56
T98-4981	42U 600 (W) X 600 (D) MM MESH	343.56
T98-4059	42U 800 (W) X 600 (D) MM GLASS	350.12
T98-4982	42U 800 (W) X 600 (D) MM MESH	373.12
T98-9035	42U 600 (W) X 800 (D) MM GLASS	330.91
T98-4983	42U 600 (W) X 800 (D) MM MESH	353.91
T98-9036	42U 800 (W) X 800 (D) MM GLASS	388.41
T98-4984	42U 800 (W) X 800 (D) MM MESH	411.41
T98-4060	45U 800 (W) X 800 (D) MM GLASS	411.07
T98-0627	BAYING CLIP PAIR	7.75



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	12.28
T98-3255	550MM SHELF FOR 800MM DEEP CAB	15.47

**FUSION CONTRACT
SERIES SLIDING SHELF**

Max even load capacity: 50kg



PART NO.	DESCRIPTION	PRICE
T98-9013	350MM DEEP SLIDING SHELF FOR 600MM DEEP CAB	22.94
T98-0642	550MM DEEP SLIDING SHELF FOR 800MM DEEP CAB	24.78

**FUSION CONTRACT SERIES 4 WAY
ROOF FAN TRAY**

PART NO.	DESCRIPTION	PRICE
T98-9028	4 WAY ROOF FAN	50.57

**FUSION CONTRACT
SERIES PLINTHS**Max even load
capacity: 800kg

PART NO.	DESCRIPTION	PRICE
T98-9037	600 (W) X 600 (D) MM PLINTH	32.14
T98-9024	600 (W) X 800 (D) MM PLINTH	34.44
T98-4066	800 (W) X 600 (D) MM PLINTH	34.44
T98-9038	800 (W) X 800 (D) MM PLINTH	37.38

**RACKMOUNT STRUCTURED
CABLING TOOLKIT**

"All the essential tools and test equipment.
Locked safe and sound where you need them."

See Page 188

Fusion Contract Series Server Cabinets

Altogether better because...

- Low cost, high value
- In store now for next day delivery

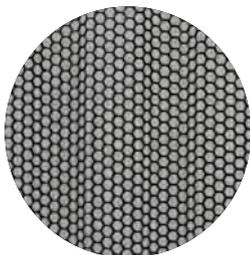
Fusion
ALTOGETHER BETTER

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

PART NO.	DESCRIPTION	PRICE
T98-4061	SERVER CABINET WITH GLASS DOOR 27U 600 (W) X 1000 (D) MM	353.45
T98-4064	SERVER CABINET WITH MESH DOOR 27U 600 (W) X 1000 (D) MM	364.95
T98-4062	SERVER CABINET WITH GLASS DOOR 27U 800 (W) X 1000 (D) MM	370.82
T98-4065	SERVER CABINET WITH MESH DOOR 27U 800 (W) X 1000 (D) MM	382.32
T98-0639	SERVER CABINET WITH GLASS DOOR 42U 600 (W) X 1000 (D) MM	471.44
T98-0640	SERVER CABINET WITH GLASS DOOR 42U 800 (W) X 1000 (D) MM	494.44
T98-0656	SERVER CABINET WITH MESH DOOR 42U 600 (W) X 1000 (D) MM	482.94
T98-0657	SERVER CABINET WITH MESH DOOR 42U 800 (W) X 1000 (D) MM	505.94
T98-0627	BAYING CLIP PAIR	7.75



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



PART NO.	DESCRIPTION	PRICE
T98-3256	717MM SHELF FOR 1000MM DEEP CAB	22.70

FUSION CONTRACT SERIES SLIDING SHELF

Max even load capacity: 50kg



PART NO.	DESCRIPTION	PRICE
T98-0642	550MM SLIDING SHELF FOR 1000MM DEEP CAB	24.78

FUSION CONTRACT SERIES 4 WAY ROOF FAN TRAY

PART NO.	DESCRIPTION	PRICE
T98-9028	4 WAY ROOF FAN	50.57

FUSION CONTRACT SERIES PLINTHS (1000MM DEEP)

Max even load capacity: 800kg

PART NO.	DESCRIPTION	PRICE
T98-0643	600 (W) X 1000 (D) MM PLINTH	43.65
T98-0644	800 (W) X 1000 (D) MM PLINTH	45.95

**RACKMOUNT STRUCTURED CABLING TOOLKIT**

"All the essential tools and test equipment.
Locked safe and sound where you need them."

See Page 188



Fusion Custom Made Cabinets & Enclosures

Altogether better because...



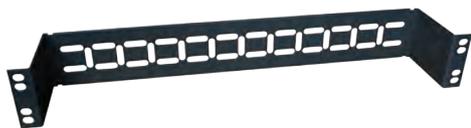
- Built to your exact requirements - any size, any colour, any quantity
- Specify your own choice of doors, locks, side panels, venting, castors etc
- Can be supplied pre-configured with your choice of accessories such as fan trays, shelves, PDUs
- Made in the UK
- Typical 3-5 day lead time



Call sales to discuss your requirements

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	14.95

FUSION TOOLLESS SNAP-IN BLANKING PANELS

Snap-In blanking panels that can be quickly and easily fitted without tools and cage nut sets. Secured using two quick-release slide clips. Panel is made of steel with a black finish. Available in 1U and 2U.



PART NO.	DESCRIPTION	PRICE
T90-4993	A) SELECT SERIES SNAP-IN BLANKING PANEL 1U	5.10
T90-4994	B) SELECT SERIES SNAP-IN BLANKING PANEL 2U	6.85

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.



PART NO.	DESCRIPTION	PRICE
T70-2368	1U CABLE DUMP	10.45
T70-2369	2U CABLE DUMP	12.02



FUSION STANDARD CABLE MANAGEMENT BAR

Available in 1U and 2U sizes with four 70mm Management Rings – Black finish.



PART NO.	DESCRIPTION	PRICE
T70-2406	1U MANAGEMENT BAR	4.56
T70-2407	2U MANAGEMENT BAR	9.40

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	8.35

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	6.59
T70-2367	ZINC PKT 100 CAGED NUT SET	11.45
T70-2508	BLACK PKT 100 CAGED NUT SET	12.45
C00-0113	CAGED NUT INSERTION/REMOVAL TOOL	5.78

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	2.96
T70-2428	65 X 45MM JUMPER RINGS	2.56

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	4.15

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	6.80

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	3.65
T70-2409	2U BLANKING PANEL	5.11
T70-2410	3U BLANKING PANEL	5.33
T70-2411	4U BLANKING PANEL	7.62
T70-2564	1 SPACE BLANK 15MM	3.90
T70-2565	2 SPACE BLANK 30MM	3.90

FUSION BRUSH PANELS

Used to give a smarter appearance to a cabinet, and prevent dust ingress.

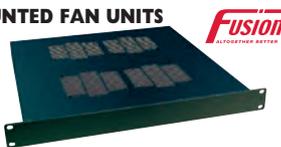
Available in 1U height.



PART NO.	DESCRIPTION	PRICE
T70-2372	1U BRUSH PANEL	10.95

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	68.25
T70-2487	3 WAY RACK MOUNTED FAN UNIT	94.61
T70-2488	4 WAY RACK MOUNTED FAN UNIT	105.05

FUSION CABLE TRAY

Available in 150mm width. (100mm, 200mm & 300mm available on request)



PART NO.	DESCRIPTION	PRICE
T98-4571	18U 150MM CABLE TRAY	11.98
T98-4572	27U 150MM CABLE TRAY	16.50
T98-4573	39U 150MM CABLE TRAY	17.40
T98-4574	42U 150MM CABLE TRAY	22.60
T98-4575	45U 150MM CABLE TRAY	24.65



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 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
T96-2355	4 WAY HORIZONTAL FILT PDU	27.70
T96-2357	6 WAY HORIZONTAL FILT PDU	30.85

VERTICAL FILTERED UNITS

PART NO.	DESCRIPTION	PRICE
T96-2350	4 WAY VERTICAL FILT. PDU 464MM LGTH	27.70
T96-2352	8 WAY VERTICAL FILT PDU 776MM LGTH	33.45
T96-2354	12 WAY VERTICAL FILT PDU 1086MM LGTH	38.69

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
T96-9469	4 WAY HORIZONTAL BS4363 16A PDU	34.92
T96-9470	6 WAY HORIZONTAL BS4343 16A PDU	37.65
T96-9472	6 WAY HORIZONTAL BS4343 32A PDU	47.13

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	43.98
T96-9474	10 WAY VERTICAL BS4343 16A PDU	49.95
T96-9475	12 WAY VERTICAL BS4343 16A PDU	59.65
T96-9478	12 WAY VERTICAL BS4343 32A PDU	70.67



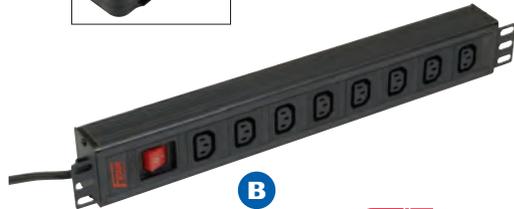
FUSION IEC C13 POWER DISTRIBUTION UNITS

Each unit is supplied complete with:

- 4 pce 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



INDIVIDUALLY TESTED WITH UK PAT TESTER



Fusion
ALTOGETHER BETTER

PART NO.	DESCRIPTION	PRICE	PART NO.	DESCRIPTION	PRICE
T96-2358	4 WAY HORIZONTAL IEC PDU	21.40	T96-2362	4 WAY VERTICAL IEC PDU	21.40
T96-2359	8 WAY HORIZONTAL IEC PDU	23.50	T96-2363	8 WAY VERTICAL IEC PDU	23.50
T96-2361	12 WAY HORIZONTAL IEC PDU	27.70	T96-2365	12 WAY VERTICAL IEC PDU	27.70

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	2.46
T70-9481	3M IEC LEADS UK 5 AMP	4.32
T70-9482	5M IEC LEADS UK 5 AMP	4.85

IEC C13 TO C14 EXTENSION CABLES

Fusion
ALTOGETHER BETTER

PART NO.	DESCRIPTION	PRICE
T70-9485	2M IEC MALE TO IEC FEMALE	1.59
T70-9486	3M IEC MALE TO IEC FEMALE	2.99
T70-9487	5M IEC MALE TO IEC FEMALE	4.07

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	26.00
T96-2912	B) 12 WAY VERTICAL PDU	36.00
T96-3253	C) 6 WAY HORIZONTAL PDU	26.00

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



CANNON
TECHNOLOGIES LTD



	PART NO.	HEIGHT	EXTERNAL SIZE (WIDTH X DEPTH)	OVERALL HEIGHT	PRICE
BLACK					
	C98-5500	18U	600 X 690MM	921MM	403.40
	C98-5501	27U	600 X 690MM	1322MM	439.80
	C98-5502	33U	600 X 690MM	1589MM	475.40
	C98-5503	39U	600 X 690MM	1856MM	496.35
	C98-5504	42U	600 X 690MM	1989MM	518.05
	C98-5505	47U	600 X 690MM	2212MM	556.40
BLACK					
	C98-5506	18U	600 X 890MM	921MM	426.15
	C98-5507	27U	600 X 890MM	1322MM	461.70
	C98-5508	33U	600 X 890MM	1589MM	494.60
	C98-5509	39U	600 X 890MM	1856MM	517.35
	C98-5510	42U	600 X 890MM	1989MM	537.75
	C98-5511	47U	600 X 890MM	2212MM	575.60
GREY					
	C98-5522	18U	600 X 690MM	921MM	403.40
	C98-5523	27U	600 X 690MM	1322MM	439.80
	C98-5524	33U	600 X 690MM	1589MM	475.40
	C98-5525	39U	600 X 690MM	1856MM	496.35
	C98-5526	42U	600 X 690MM	1989MM	518.05
	C98-5527	47U	600 X 690MM	2212MM	556.40
GREY					
	C98-5528	18U	600 X 890MM	921MM	426.15
	C98-5529	27U	600 X 890MM	1322MM	461.70
	C98-5530	33U	600 X 890MM	1589MM	494.60
	C98-5531	39U	600 X 890MM	1856MM	517.35
	C98-5532	42U	600 X 890MM	1989MM	537.75
	C98-5533	47U	600 X 890MM	2212MM	575.60

*INTERNAL FRONT DOOR TO INTERNAL REAR DOOR DEPTH



Sales/Technical Support

tel: 020 8833 2626

fax: 020 8833 2600

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

AVAILABLE
IN BLACK
AND GREY

SEE
PAGE 8 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

PART NO.

HEIGHT

EXTERNAL SIZE (WIDTH X DEPTH)

OVERALL HEIGHT

PRICE

BLACK



C98-5512

27U

800 X 690MM

1322MM

526.70

C98-5513

33U

800 X 690MM

1589MM

559.65

C98-5514

39U

800 X 690MM

1856MM

580.95

C98-5515

42U

800 X 690MM

1989MM

608.85

C98-5516

47U

800 X 690MM

2212MM

639.40

BLACK



C98-5517

27U

800 X 890MM

1322MM

556.10

C98-5518

33U

800 X 890MM

1589MM

588.40

C98-5519

39U

800 X 890MM

1856MM

611.85

C98-5520

42U

800 X 890MM

1989MM

631.05

C98-5521

47U

800 X 890MM

2212MM

636.50

GREY



C98-5534

27U

800 X 690MM

1322MM

526.70

C98-5535

33U

800 X 690MM

1589MM

559.65

C98-5536

39U

800 X 690MM

1856MM

580.95

C98-5537

42U

800 X 690MM

1989MM

608.85

C98-5538

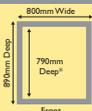
47U

800 X 690MM

2212MM

639.40

GREY



C98-5539

27U

800 X 890MM

1322MM

556.10

C98-5540

33U

800 X 890MM

1589MM

588.40

C98-5541

39U

800 X 890MM

1856MM

611.85

C98-5542

42U

800 X 890MM

1989MM

631.05

C98-5543

47U

800 X 890MM

2212MM

636.50

*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 8 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	528.35
	C98-5545	33U	600 X 1090MM	1589MM	556.15
	C98-5546	39U	600 X 1090MM	1856MM	585.25
	C98-5547	42U	600 X 1090MM	1989MM	601.25
	C98-5548	47U	600 X 1090MM	2212MM	640.80
	GREY				
	C98-5549	27U	600 X 1090MM	1322MM	528.35
	C98-5550	33U	600 X 1090MM	1589MM	556.15
	C98-5551	39U	600 X 1090MM	1856MM	585.25
	C98-5552	42U	600 X 1090MM	1989MM	601.25
	C98-5553	47U	600 X 1090MM	2212MM	640.80

*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

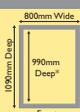


CANNON
TECHNOLOGIES LTD

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



PART NO.	HEIGHT	EXTERNAL SIZE (WIDTH X DEPTH)	OVERALL HEIGHT	PRICE	
BLACK					
	C98-5554	27U	800 X 1090MM	1322MM	632.75
	C98-5555	33U	800 X 1090MM	1589MM	659.95
	C98-5556	39U	800 X 1090MM	1856MM	688.50
	C98-5557	42U	800 X 1090MM	1989MM	704.65
	C98-5558	47U	800 X 1090MM	2212MM	740.25
GREY					
	C98-5559	27U	800 X 1090MM	1322MM	632.75
	C98-5560	33U	800 X 1090MM	1589MM	659.95
	C98-5561	39U	800 X 1090MM	1856MM	688.50
	C98-5562	42U	800 X 1090MM	1989MM	704.65
	C98-5563	47U	800 X 1090MM	2212MM	740.25

*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 8 FOR
DELIVERY
COSTS



CANNON
TECHNOLOGIES LTD

PART NO.	HEIGHT	WIDTH	DEPTH	OVERALL HEIGHT	PRICE
C98-5564	25U	600MM	1000MM	1230MM	684.15
C98-5565	33U	600MM	1000MM	1589MM	771.60
C98-5566	42U	600MM	1000MM	1989MM	873.25
C98-5567	45U	600MM	1000MM	2118MM	900.75
C98-5568	47U	600MM	1000MM	2212MM	928.30
C98-5569	52U	600MM	1000MM	2434MM	1113.95



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 8 FOR
DELIVERY
COSTS



*600mm wide version pictured.

CANNON
TECHNOLOGIES LTD

PART NO.	HEIGHT	WIDTH	DEPTH	OVERALL HEIGHT	PRICE
C98-5570	25U	800MM	1000MM	1230MM	749.95
C98-5571	33U	800MM	1000MM	1589MM	773.95
C98-5572	42U	800MM	1000MM	1989MM	971.15
C98-5573	45U	800MM	1000MM	2118MM	1006.45
C98-5574	47U	800MM	1000MM	2212MM	1041.75
C98-5575	52U	800MM	1000MM	2434MM	1250.10

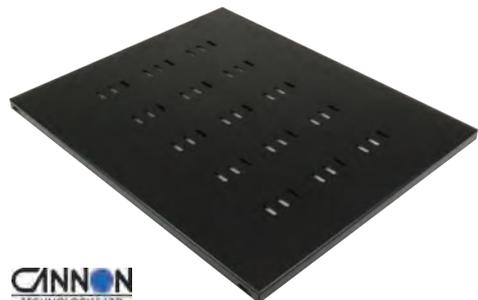


CANNON
TECHNOLOGIES LTD

CANNON TECHNOLOGIES - FIXED SHELVES - 50KG LOADING

AVAILABLE
IN BLACK
AND GREY

PART NO.	DEPTH	MAX EVEN LOAD	PRICE
BLACK			
C98-5582	450MM	50KG	11.25
C98-5583	550MM	50KG	12.35
C98-5584	600MM	50KG	13.55
GREY			
C98-5585	450MM	50KG	11.25
C98-5586	550MM	50KG	12.35
C98-5587	600MM	50KG	13.55



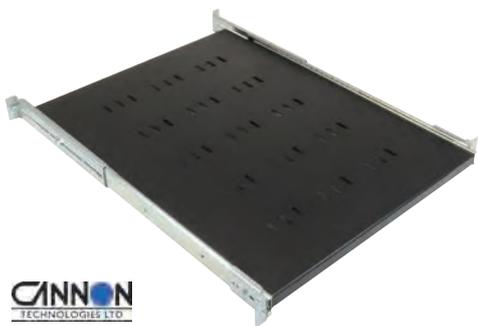
CANNON
TECHNOLOGIES LTD

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	40.40
C98-5589	550MM	100KG	40.95
C98-5590	600MM	100KG	41.55
GREY			
C98-5591	450MM	100KG	40.40
C98-5592	550MM	100KG	40.95
C98-5593	600MM	100KG	41.55



CANNON
TECHNOLOGIES LTD

CANNON TECHNOLOGIES - TELESCOPIC SHELVES

AVAILABLE
IN BLACK
AND GREY

PART NO.	DEPTH	MAX EVEN LOAD	PRICE
BLACK			
C98-5594	450MM	40KG	92.95
C98-5595	550MM	40KG	95.75
C98-5596	600MM	40KG	109.15
GREY			
C98-5597	450MM	40KG	92.95
C98-5598	550MM	40KG	95.75
C98-5599	600MM	40KG	109.15



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	58.60
C98-5601	800MM-1000MM	100KG	74.35




CANNON TECHNOLOGIES - CANTILEVER SHELVES

AVAILABLE
IN BLACK
AND GREY

PART NO.	DEPTH	HEIGHT	MAX EVEN LOAD	PRICE
BLACK				
C98-5576	190MM	1U	20KG	13.50
C98-5577	350MM	2U	20KG	16.95
C98-5578	500MM	2U	20KG	19.45
GREY				
C98-5579	190MM	1U	20KG	13.50
C98-5580	350MM	2U	20KG	16.95
C98-5581	500MM	2U	20KG	19.45




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	67.60
C98-5608	4 WAY	3M	85.60
C98-5609	6 WAY	3M	103.65
GREY			
C98-5610	2 WAY	3M	67.60
C98-5611	4 WAY	3M	85.60
C98-5612	6 WAY	3M	103.65




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	120.00
C98-5605	4 WAY	3M	152.25
C98-5606	6 WAY	3M	190.30




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

PART NO.	FANS	CABLE LENGTH	PRICE
BLACK			
C98-5613	2 WAY	3M	81.15
C98-5614	4 WAY	3M	102.75
C98-5615	6 WAY	3M	124.45
GREY			
C98-5616	2 WAY	3M	81.15
C98-5617	4 WAY	3M	102.75
C98-5618	6 WAY	3M	124.45

AVAILABLE
IN BLACK
AND GREY

150MM POWDER COATED TRAY

PART NO.	HEIGHT	WIDTH	PRICE
BLACK			
C98-4830	18U	150MM	14.89
C98-4831	27U	150MM	18.46
C98-4832	33U	150MM	20.18
C98-4833	39U	150MM	22.42
C98-4834	42U	150MM	25.69
C98-4835	47U	150MM	27.52
GREY			
C98-4836	18U	150MM	14.89
C98-4837	27U	150MM	18.46
C98-4838	33U	150MM	20.18
C98-4839	39U	150MM	22.42
C98-4840	42U	150MM	25.69
C98-4841	47U	150MM	27.52

300MM POWDER COATED TRAY

PART NO.	HEIGHT	WIDTH	PRICE
BLACK			
C98-4842	18U	300MM	31.69
C98-4843	27U	300MM	36.36
C98-4844	33U	300MM	39.38
C98-4845	39U	300MM	42.77
C98-4846	42U	300MM	44.13
C98-4847	47U	300MM	47.00
GREY			
C98-4848	18U	300MM	31.69
C98-4849	27U	300MM	36.36
C98-4850	33U	300MM	39.38
C98-4851	39U	300MM	42.77
C98-4852	42U	300MM	44.13
C98-4853	47U	300MM	47.00

PLINTHS

Plinth height is 100mm.



PART NO.	CABINET SIZE (WXD)	PRICE
BLACK		
C98-5619	600MM X 600MM	88.75
C98-5620	600MM X 800MM	92.60
C98-5621	600MM X 1000MM	100.30
C98-5622	800MM X 600MM	92.60
C98-5623	800MM X 800MM	96.45
C98-5624	800MM X 1000MM	104.15
GREY		
C98-5625	600MM X 600MM	88.75
C98-5626	600MM X 800MM	92.60
C98-5627	600MM X 1000MM	100.30
C98-5628	800MM X 600MM	92.60
C98-5629	800MM X 800MM	96.45
C98-5630	800MM X 1000MM	104.15

RETRACTABLE STABILISING ARM

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	130.00
C98-5632	600MM X 800MM	138.70
C98-5633	600MM X 1000MM	147.35
C98-5634	800MM X 600MM	138.70
C98-5635	800MM X 800MM	147.35
C98-5636	800MM X 1000MM	156.00
GREY		
C98-5637	600MM X 600MM	130.00
C98-5638	600MM X 800MM	138.70
C98-5639	600MM X 1000MM	147.35
C98-5640	800MM X 600MM	138.70
C98-5641	800MM X 800MM	147.35
C98-5642	800MM X 1000MM	156.00

HEAVY DUTY CASTORS

Set of 4.

2 x locking, 2 x non-locking.


CANNON
TECHNOLOGIES LTD

PART NO.	DESCRIPTION	PRICE
C98-5647	HEAVY DUTY CASTORS	37.25

LEVELLING FEET - SET OF 4
CANNON
TECHNOLOGIES LTD

PART NO.	DESCRIPTION	PRICE
C98-5644	LEVELLING FEET - SET OF 4	13.45

SCREW JACKS

- These 25mm base screw jacks, when fully retracted, will allow the castors to pivot through 360°
- Max loading 500kg


CANNON
TECHNOLOGIES LTD

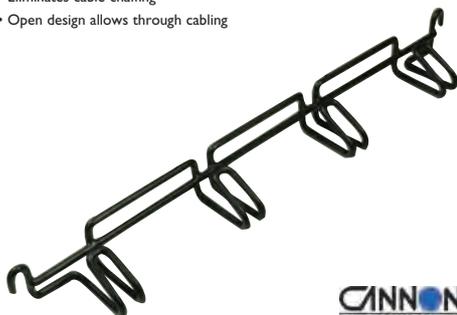
PART NO.	DESCRIPTION	PRICE
C98-5645	M10 X 70MM	15.15
C98-5646	M10 X 100MM	16.25

BAYING KIT & BONDING KIT
CANNON
TECHNOLOGIES LTD

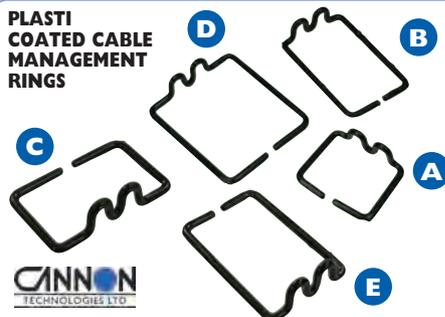
PART NO.	DESCRIPTION	PRICE
C98-5643	BAYING KIT	3.40
C98-5688	BONDING KIT	12.96

19" PLASTIC COATED WIRE MANAGEMENT BAR

- Plastic coated wire cable management bar
- Eliminates cable chaffing
- Open design allows through cabling


CANNON
TECHNOLOGIES LTD

PART NO.	DESCRIPTION	PRICE
C98-4854	PLASTIC COATED WIRE MANAGEMENT BAR	6.50

PLASTI COATED CABLE MANAGEMENT RINGS
CANNON
TECHNOLOGIES LTD

PART NO.	DESCRIPTION	PRICE
C98-5679	A) 60 X 50MM	2.46
C98-5680	B) 60 X 100MM	2.46
C98-5681	C) 110 X 50MM	2.46
C98-5682	D) 110 X 100MM	2.46
C98-5683	E) 150 X 50MM	2.46

MILLS RACKMOUNT STRUCTURED CABLING TOOLKIT 2U DRAWER

The Mills Structured Cabling Kit Drawer has been specifically designed for Data Centre and Network Managers to provide a convenient and secure means of storing tools within cabinets and enclosures.

Housed within a lockable sliding 2U drawer, this kit ensures all the essential tools and test equipment are locked safe and sound, where you need them. A custom fitted foam insert secures the contents in place, keeping things tidy and protected.

The Structured Cabling Toolkit Drawer includes:

- C00-8998** Krone Sensor Punch Down Tool
- C70-6865** Punch Down Tool For 110
- E68-3002** Cyclops Cable Stripper
- E70-5013** RJ45 Ratchet Crimper
- E00-1113** Cable Cutter up to 10.5mm O/D
- F70-4264** Phillips Screwdriver 100mm x No.2
- F70-4259** Slotted Screwdriver 100 x 5mm
- E12-6164** Side Cutter 4 1/2"
- C00-2000** Mills Structured Cable Tester
- C00-1554** Tone Probe & Generator
- T70-2509** RJ11 Female To BT Male Adaptor
- T70-0061** RJ45 Cat 6 Modular Plugs (Pkt 10)
- T70-0172** RJ45 Plug Boots (Pkt 10)



“All The **Essential Tools**
And Test Equipment
 Locked **Safe And Sound**
 Where You Need Them”

PART NO.	DESCRIPTION
A10-5935	RACKMOUNT STRUCTURED CABLING TOOLKIT

RING SALES FOR
**SPECIAL
 PRICES**
 OR VISIT
millsitd.com



Structured Cabling Products



Cat 5e & Cat 6 Cable

Cat 5e & Cat 6 Patch Panels

Cat 5e & Cat 6 Modules

Cat 5e & Cat 6 Patch Leads

Modular Plugs



Cable Relief Boots

Inline & Through Couplers

Faceplates

Backboxes



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



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 CAT 5E UTP PVC CABLE

Fusion 4 Pair UTP Cat 5e PVC Grey Cable. 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.

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
T70-6810	CAT 5E UTP PVC CABLE GREY 305M

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

FUSION CAT 5E UTP LS0H CABLE

Fusion 4 Pair UTP Violet Cat 5e LS0H Cable. 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.

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
T70-6811	CAT 5E UTP LS0H CABLE 305M

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

FUSION COLOURED CAT 5E UTP LS0H CABLE 305M

Fusion 4 Pair UTP Colour Cat 5e LS0H Cable. 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.

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
T70-6812	CAT 5E LS0H RED CABLE 305M
T70-6813	CAT 5E LS0H YELLOW CABLE 305M
T70-6814	CAT 5E LS0H BLUE CABLE 305M
T70-6815	CAT 5E LS0H GREEN CABLE 305M
T70-6816	CAT 5E LS0H WHITE CABLE 305M

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

FUSION CAT 5E UTP LS0H CABLE 500M

Supplied on wooden 500m drum

Solid core unshielded cable meeting and exceeding the requirements of TIA/EIA 568A ISO/IEC 11801

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
T70-6817	CAT 5E UTP LS0H CABLE 500M DRUM

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com



FUSION CAT 5E UTP EXTERNAL CABLE 305M

External Grade Cat 5e Cable supplied in 305m reels. 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.

ISO 11801 EIA/TIA 568A compliant.

Since this cable is designed for external use only this cable 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
millsitd.com

PART NO.	DESCRIPTION
T70-9731	CAT 5E EXTERNAL CABLE

FUSION CAT 5E UTP DOUBLE JACKET EXTERNAL CABLE

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.

Since this cable is designed for external use only this cable 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
millsitd.com

PART NO.	DESCRIPTION
T70-4196	CAT 5E DOUBLE JACKET CABLE DRUM

FUSION CAT 5E UTP PVC STRANDED CABLE

Fusion 4 Pair UTP Stranded Cat 5e PVC Grey Cable. Supplied in reinforced no snag 'easy reel' boxes – 305M (1000ft) stranded core unshielded cable meeting and exceeding the requirements of TIA/EIA 568A ISO/IEC 11801.

For producing patch leads. NOT SUITABLE FOR PERMANENT LINKS.

Since this cable is designed for making patch cords only and not for making permanent links this cable 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
millsitd.com

PART NO.	DESCRIPTION
T70-9732	CAT 5E UTP PVC STRANDED CABLE

FUSION CAT 5E FTP PVC CABLE

Fusion 4 Pair FTP Cat 5e PVC Grey Cable. Supplied in reinforced no snag 'easy reel' boxes – 305M (1000ft) solid core shielded cable meeting and exceeding the requirements of TIA/EIA 568A ISO/IEC 11801.

By 1st July 2017 this cable will be CE marked with a EuroClass Designation as part of the CPR (Construction Products Regulations).



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsitd.com

PART NO.	DESCRIPTION
T70-6819	FUSION CAT 5E FTP PVC CABLE GREY

FUSION 100M CAT 5E UTP PVC CABLE

A handy 100m box of Fusion 4 pair UTP Cat 5e cable with grey PVC jacket

By 1st July 2017 this cable will be CE marked with a EuroClass Designation as part of the CPR (Construction Products Regulations).



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsitd.com

PART NO.	DESCRIPTION
T70-6900	100M CAT 5E UTP PVC CABLE

LOOKING FOR
CAT 6
CABLE?

See page 42





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

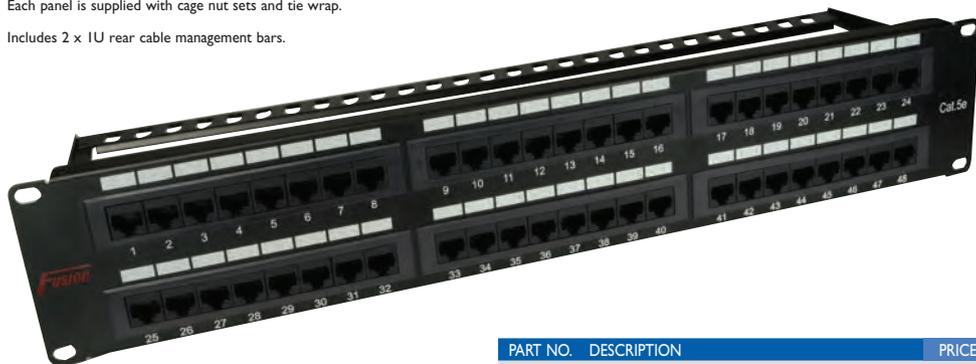
Each panel is supplied with cage nut sets and tie wrap.
Includes 1U rear cable management bar.



PART NO.	DESCRIPTION	PRICE
T77-2171	24 PORT 1U CAT 5E PATCH PANEL	17.95

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	39.95

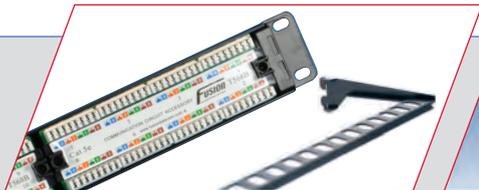
16 PORT 1U CAT 5E PATCH PANEL

Each panel is supplied with cage nut sets and tie wrap.



PART NO.	DESCRIPTION	PRICE
T77-2170	16 PORT 1U CAT 5E PATCH PANEL	15.95





All Fusion patch panels...

include clear port number IDC labelling,
cage nut sets and rear cable management bar(s)
(Excluding 16 port).

**Need product datasheets?
Visit www.fusiondatacom.com**

24 PORT IU 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	28.50

FUSION 24 PORT IU MODULAR KEYSTONE JACK PATCH PANEL

An unloaded empty, 24 port patch panel frame that enables flexible port density.



A

B



C



- 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

PART NO.	DESCRIPTION	PRICE
T77-4900	A) 24 PORT EMPTY KEYSTONE PANEL	12.95
T77-4695	B) CAT 5E IDC KEYSTONE JACK	0.95
T77-4583	C) CAT 5E THROUGH KEYSTONE JACK	1.45

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.

Comprises

- 1 x 24 port IU Cat 5e Patch Panel
- 1 x 4 Ring IU Cable Management Bar
- 12 x Single Gang Bevelled Faceplates
- 2 x pack of 12 CAT 5e Eurostyle Modules



PART NO.	DESCRIPTION	PRICE
T77-0821	FUSION CAT 5E CONTRACTOR PACK	35.99



FUSION
ALTOGETHER BETTER

**FUSION
Modules**

**Altogether better
because...**



EASY ACCESS BULK PACKS OF 12
"Saves time opening endless poly bags"

**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
W70-7870	RJ45 LOW PROFILE EUROSTYLE MODULE BLACK	1.23

**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	11.40



**NEW
IMPROVED
DESIGN**

**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	11.40

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.



**NEW
IMPROVED
DESIGN**



PART NO.	DESCRIPTION	PRICE
T90-5956	CAT 5E LJ6 (6C) MODULE PK 12	11.40

FUSION ANGLED MODULES

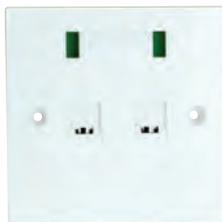
Empty Eurostyle and Lj6 (6C) shutter housings/adaptors for use with Fusion Cat5e IDC Keystone Jacks which are to be ordered separately.



PART NO.	DESCRIPTION	PRICE
T77-4901	A) ANGLED EUROSTYLE SHUTTER HOUSING	0.50
T77-4902	B) ANGLED Lj6 (6C) SHUTTER HOUSING	0.50
T77-4695	C) CAT 5E IDC KEYSTONE JACK	0.95

FIXED FACEPLATE CAT 5E

1 gang faceplates available with 1 or 2 integral modules.



PART NO.	DESCRIPTION	PRICE
W04-1118	DOUBLE FACEPLATE CAT 5E	4.62



25 YEAR 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 our products perform to an exceptional standard.

The 25 year product warranty covers Cat 5e and Cat 6 cabling copper systems and gives you protection on all your Fusion structured cabling installations. It is available only to Fusion Registered Installers.

For further information please see page 48.

FUSION VOICE MODULE

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 MODULE	1.76
T70-0052	VOICE FULL MASTER MODULE	1.81
T70-0054	VOICE SECONDARY MODULE	1.26

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.



SUPERSEDES CAT 5E VERSION AT NO EXTRA COST!

PART NO.	DESCRIPTION	PRICE
T70-5485	CAT 6 INLINE COUPLER	2.76

FUSION CAT 5E SURFACE MOUNT BOXES

The Fusion Cat 5e surface mount boxes can be used for a wide variety of applications and provide a quick and easy method of installing outlets under desks etc. They are also ideal for temporary or emergency installations. Available in 1 or 2 port and come with cable ties, fixing screws and self-adhesive fixing pad.

- A) 1 port surface mount box. Dimensions 65 x 50 x 30mm.
- B) 2 port surface mount box. Dimensions 67 x 67 x 30mm.



PART NO.	DESCRIPTION	PRICE
T70-1129	CAT 5E 1 OUTLET SURFACE MOUNT BOX	1.85
T70-1130	CAT 5E 2 OUTLET SURFACE MOUNT BOX	2.95



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	3.89
0.5M	T70-5691	T70-5696	T70-5701	T70-5706	T70-5711	T70-5716	T70-5721	T70-5726	T70-5731	T70-5736	4.39
1.0M	T70-5692	T70-5697	T70-5702	T70-5707	T70-5712	T70-5717	T70-5722	T70-5727	T70-5732	T70-5737	5.77
1.5M	T70-5693	T70-5698	T70-5703	T70-5708	T70-5713	T70-5718	T70-5723	T70-5728	T70-5733	T70-5738	6.86
2.0M	T70-5694	T70-5699	T70-5704	T70-5709	T70-5714	T70-5719	T70-5724	T70-5729	T70-5734	T70-5739	8.00
3.0M	T70-5695	T70-5700	T70-5705	T70-5710	T70-5715	T70-5720	T70-5725	T70-5730	T70-5735	T70-5740	10.48

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	1.61
10.0M	T70-5306	T70-5314	T70-5322	T70-5330	T70-5338	T70-5346	T70-5354	T70-5362	T70-5370	T70-5378	3.06
15M	T70-5307	T70-5315	T70-5323	T70-5331	T70-5339	T70-5347	T70-5355	T70-5363	T70-5371	T70-5379	4.49

FUSION CROSSOVER LEADS

- Colour red



PART NO.	DESCRIPTION	PRICE
T70-2217	1M CROSSOVER LEAD	0.57
T70-2218	2M CROSSOVER LEAD	0.82
T70-2219	3M CROSSOVER LEAD	1.05

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	5.00
T70-2570	YELLOW RJ45 CABLE RELIEF BOOTS PKT 100	5.00
T70-2568	GREY RJ45 CABLE RELIEF BOOTS PKT 100	5.00
T70-2571	RED RJ45 CABLE RELIEF BOOTS PKT 100	5.00
T70-2569	GREEN RJ45 CABLE RELIEF BOOTS PKT 100	5.00
T70-2572	BLUE RJ45 CABLE RELIEF BOOTS PKT 100	5.00
T70-4206	WHITE RJ45 CABLE RELIEF BOOTS PKT 100	5.00

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	0.81
T70-2513	FUSION CAT 5E RJ45 MODULAR PLUG PKT 100	6.53
T70-0061	FUSION CAT 6 RJ45 MODULAR PLUG PKT 10	1.37
T70-0062	FUSION CAT 6 RJ45 MODULAR PLUG PKT 100	8.70

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	0.65
T70-0367	6 POSITION 6 CONTACT MODULAR PLUG PKT 10	0.65



DATA TOOLKITS

Mills Data Installer Holster Kit

See page 180



Mills Data & Voice Toolkit No.1

See page 181



Mills Data & Voice Toolkit No.2

See page 182



Mills Data & Voice Toolkit No.3

See page 183

Cable Preparation Tools

MILLS MASTERCLASS CABLE & KEVLAR SCISSORS

See page 242



MILLS CYCLOPS DATA CABLE STRIPPER

See page 245

FUSION TWISTED PAIR STRIPPER

See page 245



FUSION KRONE STYLE WIRE INSERTER

See page 246



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 4 PAIR CAT 6 UTP PVC & LSOH CABLE 305M

Supplied in heavy duty boxes – 305M (1000ft) solid core.

23 AWG unshielded cable. Supplied metre marked for easy installation and to prevent wastage.

Approved for the Fusion 25 year system warranty when installed by an approved Fusion Installer.

PART NO. DESCRIPTION

T70-6901	CAT 6 PVC GREY 305M BOX
T70-6902	CAT 6 LSOH VIOLET 305M BOX
T70-6903	CAT 6 LSOH RED 305M BOX
T70-6904	CAT 6 LSOH YELLOW 305M BOX
T70-6905	CAT 6 LSOH BLUE 305M BOX
T70-6906	CAT 6 LSOH GREEN 305M BOX
T70-6907	CAT 6 LSOH WHITE 305M BOX
T70-6908	CAT 6 LSOH VIOLET 500M DRUM

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsd.com



By 1st July 2017 this cable will be CE marked with a EuroClass Designation as part of the CPR (Construction Products Regulations).

FUSION CAT 6 FTP LSOH CABLE 305M

Fusion CAT 6 23AWG FTP with violet Low Smoke Zero Halogen sheath.

When used as part of a shielded system the overall foil prevents electromagnetic interference from entering or exiting the cable thus reducing background noise and alien crosstalk between cables.

Approved for the Fusion 25 year system warranty when installed by an approved Fusion Installer.

By 1st July 2017 this cable will be CE marked with a EuroClass Designation as part of the CPR (Construction Products Regulations).



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsd.com

PART NO. DESCRIPTION

T70-6909	FUSION CAT 6 FTP LSOH 305M
----------	----------------------------

FUSION 4 PAIR CAT 6 UTP EXTERNAL CABLE 500M

External Grade CAT 6 Bulk Cable supplied on wooden 500m 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.

Since this cable is designed for external use this cable 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
millsd.com

PART NO. DESCRIPTION

T70-4476	CAT 6 EXTERNAL 500M DRUM
----------	--------------------------

FUSION CAT 6 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 24 port 1U Cat 6 Patch Panel
- 1 x 4 Ring 1U Cable Management Bar
- 12 x Single Gang Bevelled Faceplates
- 2 x pack of 12 Cat 6 Eurostyle Modules



PART NO. DESCRIPTION

T77-4582	FUSION CAT 6 CONTRACTOR PACK
----------	------------------------------

PRICE
70.75



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 our products perform to an exceptional standard.

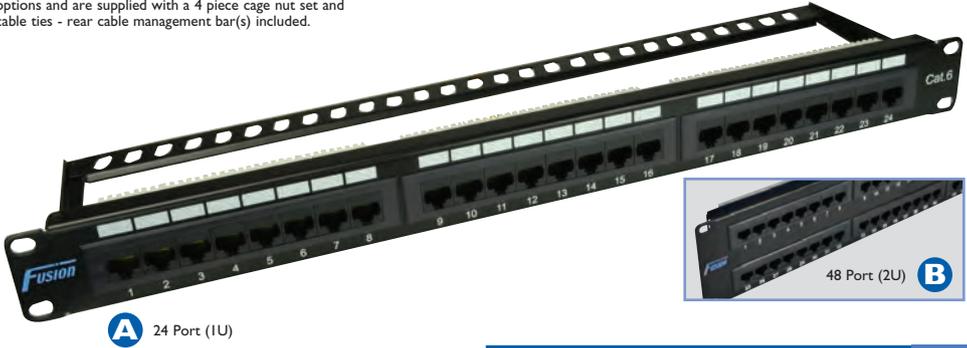
The 25 year product warranty covers Cat 5e and Cat 6 cabling copper systems and gives you protection on all your Fusion structured cabling installations. It is available only to Fusion Registered Installers.

For further information please see page 48.



FUSION 24 AND 48 PORT CAT 6 PATCH PANELS

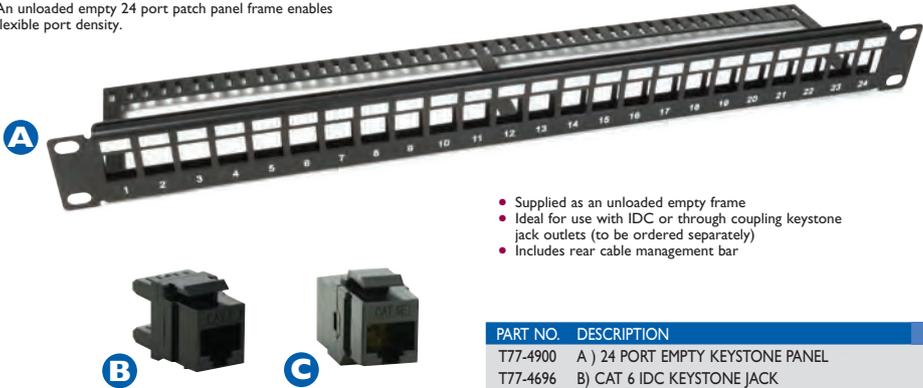
Fusion CAT 6 UTP patch panels are available in 24 (1U) and 48 (2U) port options and are supplied with a 4 piece cage nut set and cable ties - rear cable management bar(s) included.



PART NO.	DESCRIPTION	PRICE
T77-9816	A) 24 PORT 1U CAT 6 PANEL	35.69
T77-9817	B) 48 PORT 2U CAT 6 PANEL	66.10

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

PART NO.	DESCRIPTION	PRICE
T77-4900	A) 24 PORT EMPTY KEYSTONE PANEL	12.95
T77-4696	B) CAT 6 IDC KEYSTONE JACK	1.75
T77-4584	C) CAT 6 THROUGH KEYSTONE JACK	1.95

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	47.95

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	20.40

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	20.40

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	20.40

FUSION ANGLED MODULES

Empty Eurostyle and Lj6 (6C) shutter housings/adaptors for use with Fusion CAT 6 IDC Keystone Jacks which are to be ordered separately.



PART NO.	DESCRIPTION	PRICE
T77-4901	A) ANGLED EUROSTYLE SHUTTER HOUSING	0.50
T77-4902	B) ANGLED Lj6 (6C) SHUTTER HOUSING	0.50
T77-4696	C) CAT 6 IDC KEYSTONE JACK	1.75

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	5.60
0.5M	T70-6020	T70-6025	T70-6030	T70-6035	T70-6040	T70-6045	T70-6050	T70-6055	T70-6060	T70-6065	6.52
1.0M	T70-6021	T70-6026	T70-6031	T70-6036	T70-6041	T70-6046	T70-6051	T70-6056	T70-6061	T70-6066	8.29
1.5M	T70-6022	T70-6027	T70-6032	T70-6037	T70-6042	T70-6047	T70-6052	T70-6057	T70-6062	T70-6067	10.95
2.0M	T70-6023	T70-6028	T70-6033	T70-6038	T70-6043	T70-6048	T70-6053	T70-6058	T70-6063	T70-6068	12.02
3.0M	T70-6024	T70-6029	T70-6034	T70-6039	T70-6044	T70-6049	T70-6054	T70-6059	T70-6064	T70-6069	15.42

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	2.33
10.0M	T70-5406	T70-5420	T70-5434	T70-5448	T70-5413	T70-5427	T70-5441	T70-5455	T70-5457	T70-5459	3.70

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	6.00
T70-0171	YELLOW RJ45 CABLE RELIEF BOOTS PKT 100	6.00
T70-0172	GREY RJ45 CABLE RELIEF BOOTS PKT 100	6.00
T70-0173	RED RJ45 CABLE RELIEF BOOTS PKT 100	6.00
T70-0174	GREEN RJ45 CABLE RELIEF BOOTS PKT 100	6.00
T70-0175	BLUE RJ45 CABLE RELIEF BOOTS PKT 100	6.00

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	1.77

FUSION CAT 6 MODULAR PLUGS

Available in packets of 10 and 100



PART NO.	DESCRIPTION	PRICE
T70-0061	RJ45 CAT 6 MODULAR PLUGS PKT 10	1.37
T70-0062	RJ45 CAT 6 MODULAR PLUGS PKT 100	8.70

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	2.76

FUSION CAT 6 TWISTED PAIR STRIPPER

This stripper has a unique fine adjustment cutting depth mechanism making it ideal for stripping larger diameter UTP/STP such as Cat 6. Can also be used for Cat 5e cable.

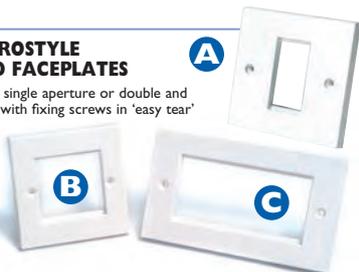


PART NO.	DESCRIPTION	PRICE
T70-9957	CAT 6 TWISTED PAIR STRIPPER	5.90

**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

PART NO.	DESCRIPTION	PRICE
T70-0019	A) 1 GANG EUROSTYLE SINGLE WHITE	0.54
T70-2177	B) 1 GANG STANDARD FACEPLATE	0.51
T70-2178	C) 2 GANG STANDARD FACEPLATE	0.74

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)




PART NO.	DESCRIPTION	PRICE
T70-2179	1 GANG BEVELLED FACEPLATE	0.50
T70-2180	2 GANG BEVELLED FACEPLATE	0.72

SATIN CHROME METAL FACEPLATES


PART NO.	DESCRIPTION	PRICE
Q69-9535	A) 1 GANG SATIN CHROME FACEPLATE	5.17
Q69-9573	B) 2 GANG SATIN CHROME FACEPLATE	7.50

**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.




PART NO.	DESCRIPTION	PRICE
T70-0064	A) 1 GANG ABS SATIN CHROME FACEPLATE	0.53
T70-0065	B) 2 GANG ABS SATIN CHROME FACEPLATE	0.71

**BRUSH
FACEPLATES**

PART NO.	DESCRIPTION	PRICE
Q69-3883	A) SINGLE GANG BRUSH FACEPLATE	2.92
Q69-3884	B) DOUBLE GANG BRUSH FACEPLATE	3.89

**BLACK NICKEL FINISH
METAL FACEPLATES**


PART NO.	DESCRIPTION	PRICE
Q69-0168	A) 1 GANG BLACK NICKEL FINISH FACEPLATE	4.98
Q69-0169	B) 2 GANG BLACK NICKEL FINISH FACEPLATE	7.50

CHROME FACEPLATES METAL STANDARD


PART NO.	DESCRIPTION	PRICE
Q69-9534	A) 1 GANG CHROME FACEPLATE	3.82
Q69-9572	B) 2 GANG CHROME FACEPLATE	6.28

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.




PART NO.	DESCRIPTION	PRICE
Q69-1135	A) 1 GANG ABS GRAPHITE FACEPLATE	0.85
Q69-1136	B) 2 GANG ABS GRAPHITE FACEPLATE	1.22

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	0.60
T70-2165	1 GANG BACK BOX 32MM DEPTH	0.65
T70-2166	2 GANG BACK BOX 32MM DEPTH	1.02
T70-2167	1 GANG BACK BOX 42MM DEPTH	1.28
T70-2168	2 GANG BACK BOX 42MM DEPTH	1.68

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	1.05
T70-2567	2 GANG BACK BOX 32MM SELF ADHESIVE	1.63

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	1.08
T70-2184	B) 25 X 50MM BLANKS PK 10	1.55
Q69-9556	C) 25 X 50MM BLACK BLANK (EACH)	1.65

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	12.17
Q69-9566	2 GANG FLOOR SOCKET FRAME	16.07

FLUSH MOUNTING DRY LINING BOXES

34mm and 44mm depth available.

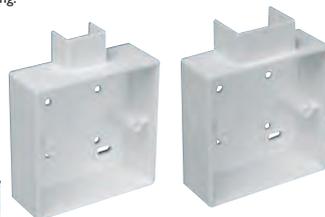
1 and 2 gang and adjustable to suit dry linings. 6-14mm adjustment.



PART NO.	DESCRIPTION	PRICE
V81-8113	1 GANG DRY LINING BOX 34MM	0.53
V81-8114	2 GANG DRY LINING BOX 34MM	1.01
V01-8745	1 GANG DRY LINING BOX 44MM	0.98
V01-8746	2 GANG DRY LINING BOX 44MM	1.52

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	2.07
V81-1140	MMT2 MINI TRUNK BOX 2 GANG 32MM	3.64
V81-1141	MMT4 MINI TRUNK BOX 1 GANG 32MM	2.07



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:

Fusion Datacom
P.O. Box 556
Greenford
UB5 9JS

Tel: 0845 370 4709

If you would like to send us an email you can do so on sales@fusiondatacom.com

or visit our website on
www.fusiondatacom.com



Fibre Optic Products & Tooling



Fibre Cable

Pre-Terminated Fibre

Fibre Patch Cords & Pigtails

Connectors & Adaptors

Fibre Patch Panels & Wall Boxes

ODFs & ODF Shelves/Drawers

External Splice Closures

Blown Fibre Machines & Tools

Live Fibre Identifiers

Visual Fault Locators

Optical Loss Test Sets

OTDRs

Fusion Splicers

Fibre Optic Termination Tools

Fibre Optic Inspection
& Cleaning Products

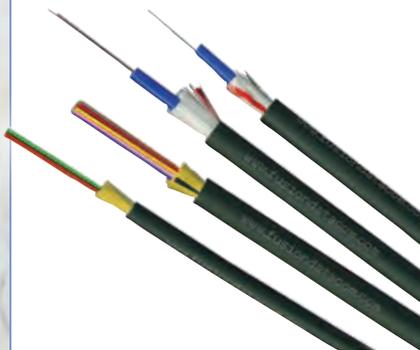


IN STOCK
NOW FOR
NEXT DAY
DELIVERY!

Fibre Optic Cable - Cut To Length!

Mills now hold extensive stock of internal/ external grade OMI (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 OMI 62.5/125µm LOOSE TUBE
T70-4211	8 CORE OMI 62.5/125µm LOOSE TUBE
T70-4227	24 CORE OMI 62.5/125µm LOOSE TUBE
T70-4212	4 CORE OM2 50/125µm LOOSE TUBE
T70-4213	8 CORE OM2 50/125µm LOOSE TUBE
T70-4214	4 CORE OM3 50/125µm LOOSE TUBE
T70-4215	8 CORE OM3 50/125µm LOOSE TUBE
T70-4231	24 CORE OM3 50/125µm LOOSE TUBE
T70-4216	4 CORE OMI 62.5/125µm TIGHT BUFFERED
T70-4217	8 CORE OMI 62.5/125µm TIGHT BUFFERED
T70-4233	24 CORE OMI 62.5/125µm TIGHT BUFFERED
T70-4218	4 CORE OM2 50/125µm TIGHT BUFFERED
T70-4219	8 CORE OM2 50/125µm TIGHT BUFFERED
T70-4220	4 CORE OM3 50/125µm TIGHT BUFFERED
T70-4221	8 CORE OM3 50/125µm TIGHT BUFFERED
T70-4236	12 CORE OM3 50/125µm TIGHT BUFFERED
T70-4237	24 CORE OM3 50/125µm TIGHT BUFFERED

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**



FUSION LC-LC MULTIMODE DUPLEX PATCH CORDS

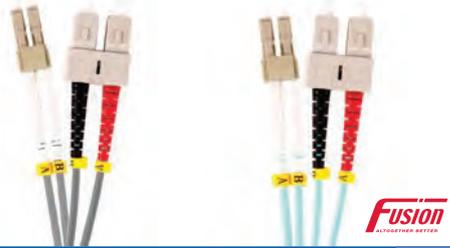
Available in OM1 (62/125µM), OM3 (50/125µM) & OM4 (50/125µM)



PART NO.	DESCRIPTION	PRICE
T70-2334	1M LC-LC DUPLEX OM1 (62/125µM)	4.40
T70-2335	2M LC-LC DUPLEX OM1 (62/125µM)	4.72
T70-2336	3M LC-LC DUPLEX OM1 (62/125µM)	5.04
T70-0097	5M LC-LC DUPLEX OM1 (62/125µM)	5.68
T70-0098	10M LC-LC DUPLEX OM1 (62/125µM)	7.28
T70-0099	1M LC-LC DUPLEX OM3 (50/125µM)	4.46
T70-0100	2M LC-LC DUPLEX OM3 (50/125µM)	4.86
T70-0101	3M LC-LC DUPLEX OM3 (50/125µM)	5.22
T70-0102	5M LC-LC DUPLEX OM3 (50/125µM)	6.00
T70-0103	10M LC-LC DUPLEX OM3 (50/125µM)	7.92
T70-5500	1M LC-LC DUPLEX OM4 (50/125µM)	4.76
T70-5501	2M LC-LC DUPLEX OM4 (50/125µM)	5.44
T70-5502	3M LC-LC DUPLEX OM4 (50/125µM)	6.12
T70-5503	5M LC-LC DUPLEX OM4 (50/125µM)	7.48
T70-5504	10M LC-LC DUPLEX OM4 (50/125µM)	10.88

FUSION LC-SC MULTIMODE DUPLEX PATCH CORDS

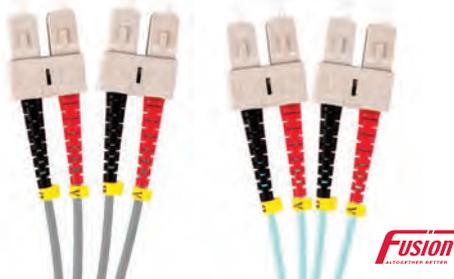
Available in OM1 (62/125µM), OM3 (50/125µM) & OM4 (50/125µM)



PART NO.	DESCRIPTION	PRICE
T70-2265	1M LC-SC DUPLEX OM1 (62/125µM)	4.00
T70-2266	2M LC-SC DUPLEX OM1 (62/125µM)	4.29
T70-2267	3M LC-SC DUPLEX OM1 (62/125µM)	4.58
T70-0106	5M LC-SC DUPLEX OM1 (62/125µM)	5.16
T70-0107	10M LC-SC DUPLEX OM1 (62/125µM)	6.62
T70-0108	1M LC-SC DUPLEX 50/125µM (OM3)	4.05
T70-0109	2M LC-SC DUPLEX 50/125µM (OM3)	4.42
T70-0110	3M LC-SC DUPLEX 50/125µM (OM3)	4.75
T70-0111	5M LC-SC DUPLEX 50/125µM (OM3)	5.45
T70-0112	10M LC-SC DUPLEX 50/125µM (OM3)	7.20
T70-5505	1M LC-SC DUPLEX OM4 (50/125µM)	4.33
T70-5506	2M LC-SC DUPLEX OM4 (50/125µM)	4.95
T70-5507	3M LC-SC DUPLEX OM4 (50/125µM)	5.56
T70-5508	5M LC-SC DUPLEX OM4 (50/125µM)	6.80
T70-5509	10M LC-SC DUPLEX OM4 (50/125µM)	9.89

FUSION SC-SC MULTIMODE DUPLEX PATCH CORDS

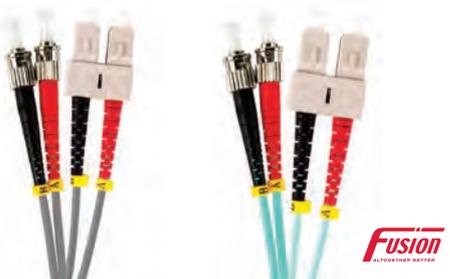
Available in OM1 (62/125µM), OM3 (50/125µM) & OM4 (50/125µM)



PART NO.	DESCRIPTION	PRICE
T70-2235	1M SC-SC DUPLEX OM1 (62/125µM)	3.67
T70-2236	2M SC-SC DUPLEX OM1 (62/125µM)	3.93
T70-2237	3M SC-SC DUPLEX OM1 (62/125µM)	4.20
T70-2238	5M SC-SC DUPLEX OM1 (62/125µM)	4.73
T70-2239	10M SC-SC DUPLEX OM1 (62/125µM)	6.07
T70-0071	1M SC-SC DUPLEX OM3 (50/125µM)	3.72
T70-0072	2M SC-SC DUPLEX OM3 (50/125µM)	4.05
T70-0073	3M SC-SC DUPLEX OM3 (50/125µM)	4.35
T70-0074	5M SC-SC DUPLEX OM3 (50/125µM)	5.00
T70-0075	10M SC-SC DUPLEX OM3 (50/125µM)	6.60
T70-5515	1M SC-SC DUPLEX OM4 (50/125µM)	3.97
T70-5516	2M SC-SC DUPLEX OM4 (50/125µM)	4.53
T70-5517	3M SC-SC DUPLEX OM4 (50/125µM)	5.10
T70-5518	5M SC-SC DUPLEX OM4 (50/125µM)	6.23
T70-5519	10M SC-SC DUPLEX OM4 (50/125µM)	9.07

FUSION ST-SC MULTIMODE DUPLEX PATCH CORDS

Available in OM1 (62/125µM), OM3 (50/125µM) & OM4 (50/125µM)



PART NO.	DESCRIPTION	PRICE
T70-2245	1M ST-SC DUPLEX OM1 (62/125µM)	3.67
T70-2246	2M ST-SC DUPLEX OM1 (62/125µM)	3.93
T70-2247	3M ST-SC DUPLEX OM1 (62/125µM)	4.20
T70-2248	5M ST-SC DUPLEX OM1 (62/125µM)	4.73
T70-2249	10M ST-SC DUPLEX OM1 (62/125µM)	6.07
T70-0076	1M ST-SC DUPLEX OM3 (50/125µM)	3.72
T70-0077	2M ST-SC DUPLEX OM3 (50/125µM)	4.05
T70-0078	3M ST-SC DUPLEX OM3 (50/125µM)	4.35
T70-0079	5M ST-SC DUPLEX OM3 (50/125µM)	5.00
T70-0080	10M ST-SC DUPLEX OM3 (50/125µM)	6.60
T70-5520	1M ST-SC DUPLEX OM4 (50/125µM)	3.97
T70-5521	2M ST-SC DUPLEX OM4 (50/125µM)	4.53
T70-5522	3M ST-SC DUPLEX OM4 (50/125µM)	5.10
T70-5523	5M ST-SC DUPLEX OM4 (50/125µM)	6.23
T70-5524	10M ST-SC DUPLEX OM4 (50/125µM)	9.07

FUSION ST-ST MULTIMODE DUPLEX PATCH CORDS

Available in OM1 (62/125µm), OM3 (50/125µm) & OM4 (50/125µm)



PART NO.	DESCRIPTION	PRICE
T70-2225	1M ST-ST DUPLEX OM1 (62/125µm)	3.67
T70-2226	2M ST-ST DUPLEX OM1 (62/125µm)	3.93
T70-2227	3M ST-ST DUPLEX OM1 (62/125µm)	4.20
T70-2228	5M ST-ST DUPLEX OM1 (62/125µm)	4.73
T70-2229	10M ST-ST DUPLEX OM1 (62/125µm)	6.07
T70-0081	1M ST-ST DUPLEX OM3 (50/125µm)	3.72
T70-0082	2M ST-ST DUPLEX OM3 (50/125µm)	4.05
T70-0083	3M ST-ST DUPLEX OM3 (50/125µm)	4.35
T70-0084	5M ST-ST DUPLEX OM3 (50/125µm)	5.00
T70-0085	10M ST-ST DUPLEX OM3 (50/125µm)	6.60
T70-5520	1M ST-ST DUPLEX OM4 (50/125µm)	3.97
T70-5521	2M ST-ST DUPLEX OM4 (50/125µm)	4.53
T70-5522	3M ST-ST DUPLEX OM4 (50/125µm)	5.10
T70-5523	5M ST-ST DUPLEX OM4 (50/125µm)	6.23
T70-5524	10M ST-ST DUPLEX OM4 (50/125µm)	9.07

FUSION LC-ST MULTIMODE DUPLEX PATCH CORDS

Available in OM1 (62/125µm), OM3 (50/125µm) & OM4 (50/125µm)



PART NO.	DESCRIPTION	PRICE
T70-2340	1M LC-ST DUPLEX OM1 (62/125µm)	4.00
T70-2341	2M LC-ST DUPLEX OM1 (62/125µm)	4.29
T70-2261	3M LC-ST DUPLEX OM1 (62/125µm)	4.58
T70-0088	5M LC-ST DUPLEX OM1 (62/125µm)	5.16
T70-0089	10M LC-ST DUPLEX OM1 (62/125µm)	6.62
T70-0090	1M LC-ST DUPLEX OM3 (50/125µm)	4.05
T70-0091	2M LC-ST DUPLEX OM3 (50/125µm)	4.42
T70-0092	3M LC-ST DUPLEX OM3 (50/125µm)	4.75
T70-0093	5M LC-ST DUPLEX OM3 (50/125µm)	5.45
T70-0094	10M LC-ST DUPLEX OM3 (50/125µm)	7.20
T70-5510	1M LC-ST DUPLEX OM4 (50/125µm)	4.33
T70-5511	2M LC-ST DUPLEX OM4 (50/125µm)	4.95
T70-5512	3M LC-ST DUPLEX OM4 (50/125µm)	5.56
T70-5513	5M LC-ST DUPLEX OM4 (50/125µm)	6.80
T70-5514	10M LC-ST DUPLEX OM4 (50/125µm)	9.89

FUSION MULTIMODE PIGTAILS

Multimode: available with ST, SC and LC connectors. 1m in length – other lengths available on request. Available in 50, 62.5 and 50 (OM3)


 A collection of Fusion multimode pigtails with different connector types (ST, SC, LC) and colors (black, white, blue). The Fusion logo is visible in the top right corner.

PART NO.	DESCRIPTION	PRICE
T70-2326	ST 1M MULTIMODE OM1 (62/125µm)	1.10
T70-0114	ST 1M MULTIMODE OM3 (50/125µm)	1.15
T70-5610	ST 1M MULTIMODE OM4 (50/125µm)	1.30
T70-2327	SC 1M MULTIMODE OM1 (62/125µm)	1.10
T70-0115	SC 1M MULTIMODE OM3 (50/125µm)	1.15
T70-5611	SC 1M MULTIMODE OM4 (50/125µm)	1.30
T70-0526	LC 1M MULTIMODE OM1 (62/125µm)	1.40
T70-0527	LC 1M MULTIMODE OM3 (50/125µm)	1.45
T70-5612	LC 1M MULTIMODE OM4 (50/125µm)	1.60

FUSION SINGLEMODE PIGTAILS

Available with FC, SC, LC and ST connectors. 1m in length


 A collection of Fusion singlemode pigtails with different connector types (FC, SC, LC, ST) and colors (blue, yellow, black). The Fusion logo is visible in the top right corner.

PART NO.	DESCRIPTION	PRICE
T70-2322	FC 1M SINGLEMODE PIGTAILS	1.35
T70-2323	SC 1M SINGLEMODE PIGTAILS	1.30
T70-0116	LC 1M SINGLEMODE PIGTAILS	1.70
T70-0528	ST 1M SINGLEMODE PIGTAILS	1.30

FUSION LC-LC SINGLEMODE PATCH CORDS

9/125µm Singlemode OSI



PART NO.	DESCRIPTION	PRICE
T70-2302	1M LC-LC OSI SINGLEMODE	5.02
T70-2303	2M LC-LC OSI SINGLEMODE	5.22
T70-2304	3M LC-LC OSI SINGLEMODE	5.42
T70-2305	5M LC-LC OSI SINGLEMODE	5.82
T70-2306	10M LC-LC OSI SINGLEMODE	6.82

FUSION LC-ST SINGLEMODE PATCH CORDS

9/125µm Singlemode OSI



PART NO.	DESCRIPTION	PRICE
T70-2317	1M LC-ST OSI SINGLEMODE	4.56
T70-2318	2M LC-ST OSI SINGLEMODE	4.75
T70-2319	3M LC-ST OSI SINGLEMODE	4.93
T70-2320	5M LC-ST OSI SINGLEMODE	5.29
T70-2321	10M LC-ST OSI SINGLEMODE	6.20

FUSION SC-SC SINGLEMODE PATCH CORDS

9/125µm Singlemode OS1



PART NO.	DESCRIPTION	PRICE
T70-2297	1M SC-SC OS1 SINGLEMODE	4.18
T70-2298	2M SC-SC OS1 SINGLEMODE	4.35
T70-2299	3M SC-SC OS1 SINGLEMODE	4.52
T70-2300	5M SC-SC OS1 SINGLEMODE	4.85
T70-2301	10M SC-SC OS1 SINGLEMODE	5.68

FUSION LC-SC SINGLEMODE PATCH CORDS

9/125µm Singlemode OS1



PART NO.	DESCRIPTION	PRICE
T70-2307	1M LC-SC OS1 SINGLEMODE	4.56
T70-2308	2M LC-SC OS1 SINGLEMODE	4.75
T70-2309	3M LC-SC OS1 SINGLEMODE	4.93
T70-2310	5M LC-SC OS1 SINGLEMODE	5.29
T70-2311	10M LC-SC OS1 SINGLEMODE	6.20

FUSION FC-FC SINGLEMODE PATCH CORDS

9/125µm Singlemode OS1



PART NO.	DESCRIPTION	PRICE
T70-2292	1M FC-FC OS1 SINGLEMODE	4.18
T70-2293	2M FC-FC OS1 SINGLEMODE	4.35
T70-2294	3M FC-FC OS1 SINGLEMODE	4.52
T70-2295	5M FC-FC OS1 SINGLEMODE	4.85
T70-2296	10M FC-FC OS1 SINGLEMODE	5.68

FUSION FC-LC SINGLEMODE PATCH CORDS

9/125µm Singlemode OS1



PART NO.	DESCRIPTION	PRICE
T70-0117	1M FC-LC OS1 SINGLEMODE	4.56
T70-0118	2M FC-LC OS1 SINGLEMODE	4.75
T70-0119	3M FC-LC OS1 SINGLEMODE	4.93
T70-0120	5M FC-LC OS1 SINGLEMODE	5.29
T70-0121	10M FC-LC OS1 SINGLEMODE	6.20

FUSION FC-SC SINGLEMODE PATCH CORDS

9/125µm Singlemode OS1



PART NO.	DESCRIPTION	PRICE
T70-0122	1M FC-SC OS1 SINGLEMODE	4.18
T70-0123	2M FC-SC OS1 SINGLEMODE	4.35
T70-0124	3M FC-SC OS1 SINGLEMODE	4.52
T70-0125	5M FC-SC OS1 SINGLEMODE	4.85
T70-0126	10M FC-SC OS1 SINGLEMODE	5.68

FUSION ST-SC SINGLEMODE PATCH CORDS

9/125µm Singlemode OS1



PART NO.	DESCRIPTION	PRICE
T70-0127	1M ST-SC OS1 SINGLEMODE	4.18
T70-0128	2M ST-SC OS1 SINGLEMODE	4.35
T70-0129	3M ST-SC OS1 SINGLEMODE	4.52
T70-0130	5M ST-SC OS1 SINGLEMODE	4.85
T70-0131	10M ST-SC OS1 SINGLEMODE	5.68



Fibre Optic Connectors

Available ST, SC, FC and LC, Multimode and Singlemode.

FUSION ST CONNECTORS

Available Simplex Red or Black and Black Pigtail. Multimode only – Singlemode versions on request.

ST Multimode Simplex
• 3mm Cable
• Black Boot



ST Multimode Simplex
• 3mm Cable
• Red Boot



C



ST Multimode Pigtail
• 900µm Cable
• Black Boot



PART NO.	DESCRIPTION	PRICE
T70-0132	(A) ST MULTIMODE BLACK	0.73
T70-0133	(B) ST MULTIMODE RED	0.73
T70-0134	(C) ST MULTIMODE PIGTAIL	0.73

FUSION SC CONNECTORS

Available Simplex, Duplex and Pigtail, Multimode and Singlemode.

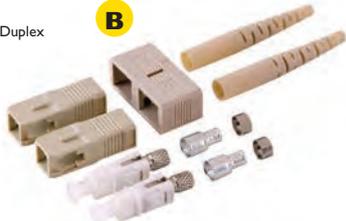
SC Multimode Simplex
• 3mm Cable
• Beige Body
• Beige Boot

A



SC Multimode Duplex
• 3mm Cable
• Beige Bodies
• Beige Boots

B



SC Multimode Pigtail
• 900µm Cable
• Beige Body
• Beige Boot

C



SC Singlemode Simplex
• 3mm Cable
• Blue Body
• Blue Boot

D



SC Singlemode Duplex
• 3mm Cable
• Blue Body
• Blue Boot

E



SC Singlemode Pigtail
• 900µm
• Blue Body
• Blue Boot

F



MULTIMODE

PART NO.	DESCRIPTION	PRICE
T70-0136	(A) SC MULTIMODE SIMPLEX BEIGE	0.73
T70-0138	(B) SC MULTIMODE DUPLEX BEIGE	1.45
T70-0140	(C) SC MULTIMODE PIGTAIL BEIGE	0.73

SINGLEMODE

PART NO.	DESCRIPTION	PRICE
T70-0141	(D) SC SINGLEMODE SIMPLEX	0.91
T70-0142	(E) SC SINGLEMODE DUPLEX	1.89
T70-0143	(F) SC SINGLEMODE PIGTAIL	0.91



FUSION FC CONNECTORS

Available Simplex and Pigtail Single and Multimodes.

A FC Multimode Simplex
 • 3mm Cable
 • Black Boot

B FC Multimode Pigtail
 • 900µm Cable
 • Black Boot

C FC Singlemode Simplex
 • 3mm Cable
 • Blue Boot

D FC Singlemode Pigtail
 • 900µm Cable
 • Blue Boot



MULTIMODE

PART NO.	DESCRIPTION	PRICE
T70-0145	A) FC MULTIMODE SIMPLEX	0.80
T70-0146	B) FC MULTIMODE PIGTAIL	0.80

SINGLEMODE

PART NO.	DESCRIPTION	PRICE
T70-0147	C) FC SINGLEMODE SIMPLEX	0.97
T70-0148	D) FC SINGLEMODE PIGTAIL	1.68

FUSION LC CONNECTORS

Available Simplex, Duplex and Pigtail, Singlemode and Multimode.

A LC Multimode Simplex
 • 2mm Cable
 • Beige Body
 • White Boot

D LC Singlemode Simplex
 • 2mm Cable
 • Blue Body
 • Blue Boot

B LC Multimode Duplex
 • 2mm Cable
 • Beige Body
 • White Boot

E LC Singlemode Duplex
 • 2mm Cable
 • Blue Body
 • White Boot

C LC Multimode Pigtail
 • 900µm Cable
 • Beige Body
 • White Boot

F LC Singlemode Pigtail
 • 900µm Cable
 • Blue Body
 • Blue Boot



MULTIMODE

PART NO.	DESCRIPTION	PRICE
T70-0149	A) LC MULTIMODE SIMPLEX	1.60
T70-0150	B) LC MULTIMODE DUPLEX	3.17
T70-0151	C) LC MULTIMODE PIGTAIL	1.60

SINGLEMODE

PART NO.	DESCRIPTION	PRICE
T70-0152	D) LC SINGLEMODE SIMPLEX	1.82
T70-0153	E) LC SINGLEMODE DUPLEX	3.78
T70-0154	F) LC SINGLEMODE PIGTAIL	1.80

STACKABLE SPLICE CASSETTE WITH CLEAR LID

2 X 6 way splice cassette available as a base tray with additional stackable cassette if required. All cassettes are supplied with clear lid.

Length 160mm x Width 90mm x Depth 7mm



PART NO.	DESCRIPTION	PRICE
T70-0289	A) SPLICE BASE UNIT	1.78
T70-0290	B) ADDITIONAL CASSETTE UNITS	1.78

FUSION FIBRE OPTIC MANAGEMENT KIT

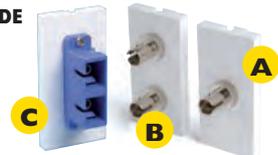
A low cost 25 piece Fibre Management Kit - suitable for all unpopulated panels and enclosures.



PART NO.	DESCRIPTION	PRICE
T70-2561	FIBRE OPTIC MANAGEMENT KIT	5.85

FUSION MULTIMODE FIBRE MODULES

ST and SC adaptors in Eurostyle 25 x 50mm modules for use with modular faceplates.



PART NO.	DESCRIPTION	PRICE
T70-2252	(A) SINGLE ST ADAPTOR 25 X 50 MODULE	1.18
T70-2253	(B) DOUBLE ST ADAPTOR 25 X 50 MODULE	2.01
T70-2256	(C) DUPLEX SC ADAPTOR 25 X 50 MODULE	3.83



Fibre Optic Adaptors

FUSION LC ADAPTORS

Available in Duplex and Quad Singlemode and Multimode.



MULTIMODE

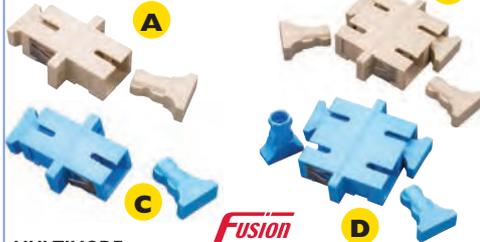
PART NO.	DESCRIPTION	PRICE
T70-0155	A) LC MULTIMODE DUPLEX	1.55
T70-0156	B) LC MULTIMODE QUAD	3.49

SINGLEMODE

PART NO.	DESCRIPTION	PRICE
T70-0157	C) LC SINGLEMODE DUPLEX	2.43
T70-0158	D) LC SINGLEMODE QUAD	7.09

FUSION SC ADAPTORS

Available Simplex and Duplex and Single and Multimode.



MULTIMODE

PART NO.	DESCRIPTION	PRICE
T70-0159	A) SC MULTIMODE SIMPLEX	0.39
T70-0160	B) SC MULTIMODE DUPLEX	0.68

SINGLEMODE

PART NO.	DESCRIPTION	PRICE
T70-0161	C) SC SINGLEMODE SIMPLEX	0.73
T70-0162	D) SC SINGLEMODE DUPLEX	1.42

FUSION HYBRID ADAPTORS



MULTIMODE

PART NO.	DESCRIPTION	PRICE
T70-0164	A) SC-ST MULTIMODE DUPLEX - BEIGE	1.26

SINGLEMODE

PART NO.	DESCRIPTION	PRICE
T70-0165	B) SC-ST SINGLEMODE DUPLEX - BLUE	1.59

FUSION FC ADAPTORS

Available Simplex, Single and Multimode.



MULTIMODE

PART NO.	DESCRIPTION	PRICE
T70-0166	(A) FC MULTIMODE SIMPLEX	0.73

SINGLEMODE

PART NO.	DESCRIPTION	PRICE
T70-0167	(B) FC SINGLEMODE SIMPLEX	1.07

FUSION ST ADAPTORS

Available Simplex, Single and Multimode.



MULTIMODE

PART NO.	DESCRIPTION	PRICE
T70-2580	(A) ST MULTIMODE SIMPLEX BLACK	0.41

SINGLEMODE

PART NO.	DESCRIPTION	PRICE
T70-0163	(B) ST SINGLEMODE SIMPLEX YELLOW	1.02

FUSION FIBRE OPTIC CONSUMABLES



PART NO.	DESCRIPTION	PRICE
T70-2593	(A) ST BLANKS PKT 10	0.95
T70-2594	(B) SC SIMPLEX BLANKS PKT 10	0.54
T70-2595	(C) SC DUPLEX BLANKS PKT 10	1.29
T70-2598	(D) 20MM CABLING GLAND 4-13MM	0.73
T70-2599	(E) CABLE MANAGEMENT CLIPS PKT 10	2.13
T70-2600	(F) SPLICING BRIDGE	0.97
T70-2601	(G) 60MM SPLICE PROTECTORS (PK100)	19.07
T70-4699	(G) 45MM SPLICE PROTECTORS (PK100)	16.82
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	23.82	T70-0183	23.82	T70-0183	23.82	T70-0183	23.82
4	T70-0184	29.93	T70-0189	30.00	T70-0194	26.46	T70-0199	24.73
8	T70-0185	27.82	T70-0190	32.70	T70-0195	31.80	T70-0200	28.83
12	T70-0186	28.45	T70-0191	34.53	T70-0196	34.12	T70-0201	30.21
24	T70-0187	36.68	T70-0192	43.26	T70-0197	40.34	T70-0202	37.02

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:

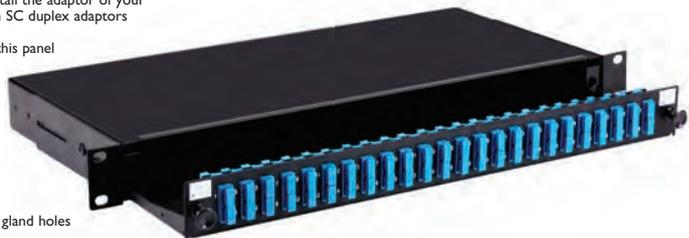
Width: 482mm
 Depth: 205mm
 Height: 1u – 44mm
 Weight 2.4kg fully loaded
 Cable entry 2 x 20mm gland holes 2 x 25mm gland holes
 Colour: Black RAL 9004 as standard

ADAPTORS	SC M/MODE	PRICE	SC S/MODE	PRICE	LC M/MODE	PRICE	LC S/MODE	PRICE
0	T70-0203	23.79	T70-0203	23.79	T70-0203	23.79	T70-0203	23.79
4	T70-0204	24.17	T70-0209	24.36	T70-0214	30.58	T70-0219	31.25
8	T70-0205	26.90	T70-0210	26.90	T70-0215	34.35	T70-0220	35.26
12	T70-0206	29.44	T70-0211	29.62	T70-0216	44.27	T70-0221	47.79
24	T70-0207	35.98	T70-0212	36.17	T70-0217	66.32	T70-0222	70.70

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	23.82	T70-0223	23.82
4	T70-0224	26.93	T70-0229	27.82
8	T70-0225	28.50	T70-0230	32.54
12	T70-0226	29.32	T70-0231	38.49
24	T70-0227	38.17	T70-0232	51.98

FUSION DOUBLE DOOR LOCKABLE WALL BOX – ST, FC

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	ST M/MODE	PRICE	ST S/MODE	PRICE	FC M/MODE	PRICE	FC S/MODE	PRICE
0	T70-0306	87.67	T70-0306	87.67	T70-0306	87.67	T70-0306	87.67
24	T70-0307	99.88	T70-0310	117.80	T70-0313	103.55	T70-0316	110.87
36	T70-0308	104.25	T70-0311	123.17	T70-0314	109.76	T70-0317	120.75
48	T70-0309	108.62	T70-0312	131.64	T70-0315	132.40	T70-0318	130.59

FUSION SINGLE DOOR LOCKABLE WALL BOX – SC DUPLEX

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.

LC Quad combinations are also available for this cabinet. Please call our sales office.

Specification:

Width: 360mm
Depth: 85mm
Height: 360mm
Cable entry: 2 x 20mm gland holes, top and bottom (4 in total)
Colour: Grey



ADAPTORS	DUP M/MODE	PRICE	SC DUP S/MODE	PRICE
0	T70-0319	63.61	T70-0319	63.61
4	T70-0320	64.97	T70-0323	65.97
8	T70-0321	67.33	T70-0324	70.27
12	T70-0322	68.48	T70-0325	74.59

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	63.62	T70-0326	63.62	T70-0326	63.62	T70-0326	63.62
4	T70-0327	64.55	T70-0330	66.71	T70-0333	71.23	T70-0336	78.02
8	T70-0328	65.03	T70-0331	71.33	T70-0334	78.65	T70-0337	83.93
12	T70-0329	66.48	T70-0332	75.93	T70-0335	85.79	T70-0338	96.23

FUSION ST AND FC TAMPERPROOF WALL BOXES 4 AND 8 ADAPTORS

Dimensions

Width: 100mm
Depth: 40mm
Height: 160mm,
Weight: 0.6kg, fully loaded.
1 x 20mm Gland hole
Colour: White.



PART NO.	DESCRIPTION	PRICE
T70-0235	BOX 4/8 UNPOPULATED	14.27
T70-0236	BOX 4 ADAPTOR ST M/MODE	16.30
T70-0237	BOX 8 ADAPTOR ST M/MODE	17.78
T70-0238	BOX 4 ADAPTOR ST S/MODE	18.32
T70-0239	BOX 8 ADAPTOR ST S/MODE	20.06
T70-0240	BOX 4 ADAPTOR FC M/MODE	16.92
T70-0241	BOX 8 ADAPTOR FC M/MODE	18.99
T70-0242	BOX 4 ADAPTOR FC S/MODE	18.14
T70-0243	BOX 8 ADAPTOR FC S/MODE	21.43

FUSION ST AND FC TAMPERPROOF WALL BOXES 8 AND 16 ADAPTORS

Dimensions

Width: 172mm
Depth: 40mm
Height: 160mm
Weight: 0.9kg, fully loaded.
1 x 20mm Gland hole
Colour: White.



PART NO.	DESCRIPTION	PRICE
T70-0244	BOX 8/16 UNPOPULATED	18.46
T70-0245	BOX 8 ADAPTOR ST M/MODE	21.23
T70-0246	BOX 16 ADAPTOR ST M/MODE	25.23
T70-0247	BOX 8 ADAPTOR ST S/MODE	23.79
T70-0248	BOX 16 ADAPTOR ST S/MODE	28.92
T70-0249	BOX 8 ADAPTOR FC M/MODE	22.77
T70-0250	BOX 16 ADAPTOR FC M/MODE	26.90
T70-0251	BOX 8 ADAPTOR FC S/MODE	25.22
T70-0252	BOX 16 ADAPTOR FC S/MODE	31.79

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	14.65
T70-0254	2 ADAPTOR SC SIMPLEX M/MODE	15.06
T70-0255	4 ADAPTOR SC SIMPLEX M/MODE	16.16
T70-0256	2 ADAPTOR SC SIMPLEX S/MODE	17.01
T70-0257	4 ADAPTOR SC SIMPLEX S/MODE	19.32
T70-0258	2 ADAPTOR LC DUPLEX M/MODE	18.28
T70-0259	4 ADAPTOR LC DUPLEX M/MODE	21.87
T70-0260	2 ADAPTOR LC DUPLEX S/MODE	22.66
T70-0261	4 ADAPTOR LC DUPLEX S/MODE	30.62

FUSION SC SIMPLEX AND LC DUPLEX TAMPERPROOF WALL BOXES 4 AND 8 ADAPTORS

- Can also be used for MTRJ and E2000 connectors.

Dimensions

Width: 172mm
Depth: 40mm
Height: 160mm
Weight: 0.9kg, fully loaded.
1 x 20mm Gland hole
Colour: White.



PART NO.	DESCRIPTION	PRICE
T70-0262	4/8 UNPOPULATED	18.46
T70-0263	4 ADAPTOR SC SIMPLEX M/MODE	19.67
T70-0264	8 ADAPTOR SC SIMPLEX M/MODE	21.12
T70-0265	4 ADAPTOR SC SIMPLEX S/MODE	22.82
T70-0266	8 ADAPTOR SC SIMPLEX S/MODE	27.43
T70-0267	4 ADAPTOR LC DUPLEX M/MODE	25.35
T70-0268	8 ADAPTOR LC DUPLEX M/MODE	32.51
T70-0269	4 ADAPTOR LC DUPLEX S/MODE	34.11
T70-0270	8 ADAPTOR LC DUPLEX S/MODE	50.12

FUSION SC DUPLEX AND LC QUAD TAMPERPROOF WALL BOXES FOR 1 OR 2 ADAPTORS

Dimensions

Width: 100mm
Depth: 40mm
Height: 160mm
Weight: 0.6kg, fully loaded.
1 x 20mm Gland hole
Colour: White.



PART NO.	DESCRIPTION	PRICE
T70-0271	BOX 1/2 UNPOPULATED	14.27
T70-0272	1 ADAPTOR SC DUPLEX M/MODE	15.14
T70-0273	2 ADAPTOR SC DUPLEX M/MODE	15.69
T70-0274	1 ADAPTOR SC DUPLEX S/MODE	15.65
T70-0275	2 ADAPTOR SC DUPLEX S/MODE	16.72
T70-0276	1 ADAPTOR LC QUAD M/MODE	20.26
T70-0277	2 ADAPTOR LC QUAD M/MODE	25.97
T70-0278	1 ADAPTOR LC QUAD S/MODE	25.57
T70-0279	2 ADAPTOR LC QUAD S/MODE	36.38

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.

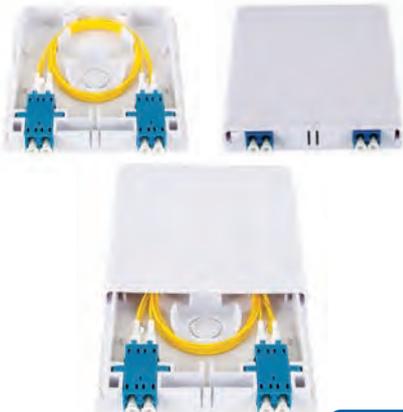


PART NO.	DESCRIPTION	PRICE
T70-0280	BOX 4/8 UNPOPULATED	18.45
T70-0281	4 ADAPTOR SC DUPLEX M/MODE	20.49
T70-0282	8 ADAPTOR SC DUPLEX M/MODE	22.75
T70-0283	4 ADAPTOR SC DUPLEX S/MODE	23.43
T70-0284	8 ADAPTOR SC DUPLEX S/MODE	26.76
T70-0285	4 ADAPTOR LC QUAD M/MODE	41.04
T70-0286	8 ADAPTOR LC QUAD M/MODE	63.86
T70-0287	4 ADAPTOR LC QUAD S/MODE	41.04
T70-0288	8 ADAPTOR LC QUAD S/MODE	63.86

**FTTX INTERNAL CUSTOMER TERMINATION BOX
(DIRECT CONNECT)**

This internal customer outlet box is designed for use inside the home or office environments. This box can allow up to 4 fibres whilst ensuring that the minimum bend radius is not exceeded.

- Removable cover for easy access
- 2 Integrated heatshrink splice holders
- Ability to allow cables to enter from multiple points of the unit
- All fibres are positively managed to maintain a 30mm minimum bend radius



PART NO.	DESCRIPTION
T70-5613	CUSTOMER TERMINATION BOX (DIRECT CONNECT)

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsitd.com

**FTTX INTERNAL CUSTOMER TERMINATION BOX
(SPLICE TRAY)**

This internal customer outlet box is designed for use inside the home or office environments. This box can allow up to 4 fibres whilst ensuring that the minimum bend radius is not exceeded.

- Flip tray to allow access to pigtailed and cable entry
- Removable cover for easy access hinged / removable splice tray assists installation
- Ability to allow cables to enter from multiple points of the unit
- All fibres are positively managed to maintain a 30mm minimum bend radius
- Maximum 4 fibres



PART NO.	DESCRIPTION
T70-5614	CUSTOMER TERMINATION BOX (SPLICE TRAY)

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsitd.com

WM OUTLET 2 X LC DUPLEX APC

Ready for splicing with 2 LC-Duplex adaptors (with integrated self-closing metal laser protection flaps), 4 LC pigtailed included. Splice tray with splice holder and strain relief for 600 µm fibres.

Dimensions: 88 x 88 x 15/33 mm.



PART NO.	DESCRIPTION
T70-5615	WM OUTLET 2 X LC DUPLEX APC

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsitd.com

WM OUTLET UNIVERSAL

Suitable for the following adaptor configurations:

- 2 x SC Duplex
- 4 x SC Simplex
- 4 x LC Duplex
- 4 x ST



PART NO.	DESCRIPTION
T70-5616	WM OUTLET UNIVERSAL

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsitd.com

BREAK-OUT (OCB) & INTRA-FACILITY (OCI) CABLE ASSEMBLIES

CommScope offers a range of break-out cable assemblies (OCB) and intra-facility cables (OCI) using singlemode ITU-T.G.657.A1 fibre for applications where connections need to be made between an optical distribution frame and electronic equipment rack or between two electronic equipment racks.

The cable construction means this can be done even if no fibre raceway system exists.

Break-out cables are based on ruggedised LSZH sub-units and the intra-facility cables utilise one or more sub-units containing twelve 900µm fibres.

All cables are compatible with the TE FIST system.



OCB PRODUCTS

Singlemode break-out cable assemblies

OCI PRODUCTS

Singlemode intra-facility cables

COMMSCOPE®
DISTRIBUTOR

Ring sales for [ordering guide](http://ordering guide or visit: millsLtd.com) or visit: millsLtd.com

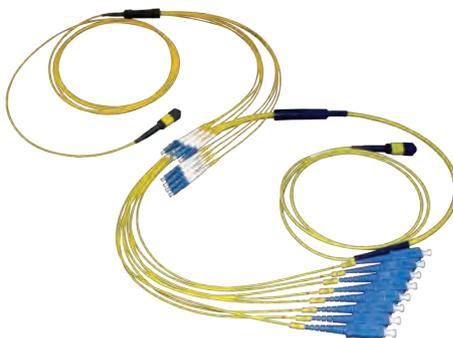
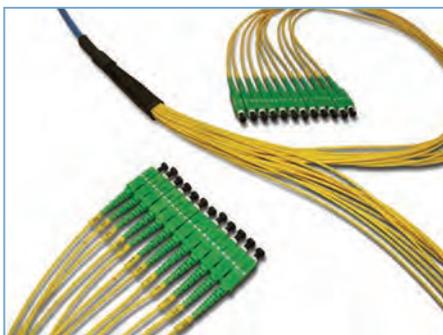
FIBRE OPTIC PRODUCTS

BREAK-OUT (FCB) & HYDRA (FHC & MHC) CABLE ASSEMBLIES

CommScope offers a range of break-out cable assemblies (FBC) and hydra cables (FHC & MHC) supporting a wide range of fibre types for applications where connections need to be made between an optical distribution frame and electronic equipment rack or between two electronic equipment racks.

The cable construction means this can be done even if no fibre raceway system exists. Break-out cables are based on ruggedized LSZH sub-units. Hydra cables utilise an office distribution type cable containing 900µm fibres (max. 24 fibres) and micro hydra cables utilise a proprietary design using 250µm fibres up to a maximum of sixteen fibres.

COMMSCOPE®
DISTRIBUTOR



FCB PRODUCTS

CO-FBC - break-out cable assemblies
Singlemode & Multimode

CO-FHC & CO-MHC PRODUCTS

CO-MHC - Micro hydra assemblies
Singlemode & Multimode
CO-FHC - Hydra cable assemblies
Singlemode & Multimode

Ring sales for [ordering guide](http://ordering guide or visit: millsLtd.com) or visit: millsLtd.com

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 TE's FIST-GSS2/GPS2 and FIST-GSS3/GPS3 shelves.

COMMSCOPE®
DISTRIBUTOR

Ring sales for [ordering guide](#)
or visit: millsltd.com

CO-RACK ETSI STYLE ODF



The CO-RACK is a dedicated metal optical distribution frame designed to accommodate the FMD (Fibre Management Drawer) system in an exchange, head-end or customer premises environment.

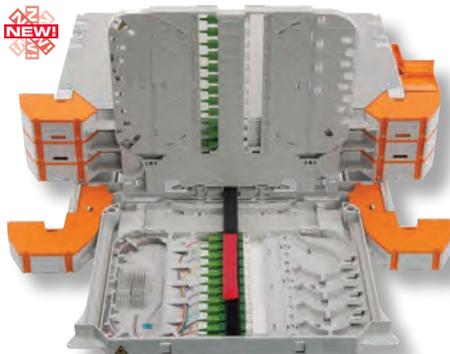
COMMSCOPE®
DISTRIBUTOR

Ring sales for [ordering guide](#)
or visit: millsltd.com

FACT ODF SYSTEM

Fibre Connectivity for Splice/Patch and Patch/Patch enables faster and easier installation in a high density environment.

The toolless system approach and the high level of modularity guarantee an easy migration path towards new connectivity platforms and expansion of existing central office sites.



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

FEATURES

- Patching, using patch cords, connectorized breakout or intrafacility cables
- Splicing loose tube, non-connectorised intrafacility 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 connectorised 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.

COMMSCOPE®
DISTRIBUTOR

Ring sales for [ordering guide](#)
or visit: millsltd.com

CO-FMD FIBRE MANAGEMENT DRAWER

The CO-FMD is a 1U drawer assembly for mounting within a pivoting optical sub rack (POSR), ETSI style ODF or an optical fibre distribution module (OFDM).

Drawers can be configured for specific applications or a mixture of applications :

- Patching only, using patch cords, connectorised breakouts (Hydras) or inter facility cable
- Splicing of pigtails to loose tube cable, tight buffered cable, non-connectorised intra facility or break-out cable and connecting to patching facility
- Pivoting design enables splicing to be achieved without removing unit from the ODF
- High Capacity (48 fibres LC) per drawer
- Splicing of ribbon fibre can be accommodated
- Splitters can be integrated into the internal splice management



COMMSCOPE®
DISTRIBUTOR

Ring sales for ordering guide or visit: millsltd.com

CO-POSR PIVOTING OPTICAL SUB-RACK



CommScope's pivoting optical sub-rack (POSR) product range offers a diverse capability to meet many customer applications. Available in 1U high through to 7U high versions offering the end user flexibility in connectivity capacity unmatched by many of its competitors.

Each unit is factory assembled to customer requirements depending upon connector type and number of adaptors & pigtails to be pre-installed . Application configurations of splicing and patching; patching only or including MPO and passive components are all supported. Sub-racks can be provided with cable unit breakouts (CUB) for OSP cable fixation or ordered separately.

COMMSCOPE®
DISTRIBUTOR

Ring sales for ordering guide or visit: millsltd.com

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 pigtails and patching these pigtails 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).



COMMSCOPE®
DISTRIBUTOR

Ring sales for ordering guide or visit: millsltd.com

BUDI BUILDING DISTRIBUTION 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-IS, BUDI-S 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.

COMMSCOPE®
DISTRIBUTOR

Ring sales for ordering guide or visit: millsltd.com

FOSC 400 & FOSC 450G EXTERNAL FIBRE OPTIC SPLICE CLOSURES

COMMSCOPE®
DISTRIBUTOR

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.

FIBRE OPTIC PRODUCTS



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.

Ring sales for [ordering guide](#) or visit: millsld.com

TENIO FIBRE CLOSURES

COMMSCOPE®
DISTRIBUTOR

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.



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](#) or visit: millsld.com



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 GCO2-FX version).



COMMScope®
DISTRIBUTOR

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 SASA2 splitter modules, which consist of a modular groove plate and trays.

Ring sales for [ordering guide](http://orderingguide.com) or visit: millsltd.com

FIST-GC0G2 GEL SEALED EXTERNAL FIBRE OPTIC SPLICE CLOSURES

CommScope's generic gel closure FIST-GC0G2 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.

Six round cable ports are provided in a wrap-around block with pre-installed gel profile for cable sealing. This block can be opened and closed repeatedly without the need to remove or replace the gel.



COMMScope®
DISTRIBUTOR

FIST-GC0G2 has provision for all cable termination and sealing requirements. The universal mounting system profiles provide the foundation for mounting combinations of trays and/or splitters.

Ring sales for [ordering guide](http://orderingguide.com) or visit: millsltd.com



INTRODUCING FREMCO FIBRE BLOWING MACHINES & EQUIPMENT

FIBRE OPTIC
PRODUCTS



A
NANOFLOW



B
**MICROFLOW
TOUCH**



C
**MINIFLOW
RAPID**

**HIRE AND
FINANCE
OPTIONS
AVAILABLE**
SEE PAGE 75

Fremco is an innovative Danish manufacturer of fibre cable blowing machines. Since the mid 90s Fremco has specialised exclusively in fibre blowing equipment, with their machines being designed and hand made in Denmark. Mills is proud to be the exclusive distributor of Fremco products in the UK and Ireland.

Fremco develops its products in close collaboration with customers, duct manufacturers and cable manufacturers worldwide. This ensures the product range offers user friendly solutions covering all dimensions of fibres/cables, ducts and applications.

Fremco fibre blowing machines are built to last and this is backed up by a 36 month manufacturer's warranty on all machines.

MODEL:	A) NANOFLOW	B) MICROFLOW TOUCH		C) MINIFLOW RAPID
Part Number	NANOFLOW	MICROFLOWTOUCH		MINIFLOWRAPID
Typical Usage	Inside Plant	Inside Plant		In/Outside Plant
Fibre/Cable Diameter	0.8-2.8 mm	0.8-5.5 mm		4-12 mm
Tube Size (OD)	3-10 mm	5-16 mm		7-20 mm
Install Speed to Distance*	150 m/min. Up to 1.2 km	100 m/min. Up to 2.5 km		100 m/min. Up to 3.5 km (using water) Up to 2.5 km (using air)
Recommended Airflow	200-500 l/pr. min.	200-500 l/pr. min.		1.000 l/pr. min.
Recommended Pressure	0-10 bar air	8-16 bar air		8-16 bar air
		Machine:	Control Box:	
Length:	212 mm	250 mm	250 mm	650 mm
Width:	104 mm	150 mm	160 mm	225 mm
Height:	139 mm	220 mm	130 mm	210 mm
Weight:	2.8 kg	9.7 kg	1.9 kg	24 kg
Unique Features	<ul style="list-style-type: none"> • Unique double fibre protection • Battery-powered • No tools needed - very easy to configure/operate & start up • Easy to open and close by hand 	<ul style="list-style-type: none"> • Automatic Buckle Detection • Adjustable Torque • Preset Automatic Stop • Adjustable Speed Control • Speed, Torque & Count Display • Air Pressure & Flow Regulation • Easy to Operate • Simple Maintenance 		<ul style="list-style-type: none"> • Use with Air or Water* • Push Force Monitor • Rugged Construction • Flexible Adaptability • Adjustable Torque • Optional Distance & Speed Measurement • Ease of Use • Simple Maintenance

*Stated distances are for guidance only. Actual performance may be greater or lesser dependent on duct size, duct condition and fibre cable type.



POWERFLOW

D



HIRE AND FINANCE OPTIONS AVAILABLE
SEE PAGE 75

MODEL:	D) POWERFLOW
Part Number	POWERFLOW
Typical Usage	Outside Plant
Fibre/Cable Diameter	8-25 mm
Tube Size (OD)	18-70 mm
Install Speed to Distance*	80 m/min. Up to 10 km (using water) Up to 5 km (using air)
Recommended Airflow	8,000-12,000 l/pr. min.
Recommended Pressure	8-16 bar air
Length:	650 mm
Width:	230 mm
Height:	350 mm
Weight:	38 kg
Unique Features	<ul style="list-style-type: none"> • Use with Air or Water* • Installs Single Cable • Rugged Construction • Flexible Adaptability • Adjustable Torque • Optional Distance & Speed Measurement • Ease of Use • Simple Maintenance

FIBRE OPTIC PRODUCTS

MULTIFLOW

E



HIRE AND FINANCE OPTIONS AVAILABLE
SEE PAGE 75

MODEL:	E) MULTIFLOW
Part Number	MULTIFLOW
Typical Usage	Outside Plant
Fibre/Cable Diameter	8-32 mm
Tube Size (OD)	18-70 mm
Install Speed to Distance*	80 m/min. Up to 10 km (using water) Up to 5 km (using air)
Recommended Airflow	8,000-12,000 l/pr. min.
Recommended Pressure	8-16 bar air
Length:	700mm
Width:	230 mm
Height:	350 mm
Weight:	40 kg
Unique Features	<ul style="list-style-type: none"> • Use with Air or Water* • Jets, Tubes or Cable • Rugged Construction • Flexible Adaptability • Adjustable Torque • Optional Distance & Speed Measurement • Ease of Use • Simple Maintenance

- Proven performance in extreme, harsh environments (cold, hot, wet or dry)
- Reliable, robust construction
- Easy to operate and maintain
- Minimum number of moving parts
- Hydraulic motors produce maximum pushing force to the cable
- Designed and handmade in Denmark
- Highly competitive pricing
- 36 month warranty

*Stated distances are for guidance only. Actual performance may be greater or lesser dependent on duct size, duct condition and fibre cable type.



FREMCO SYSTEM OVERVIEW

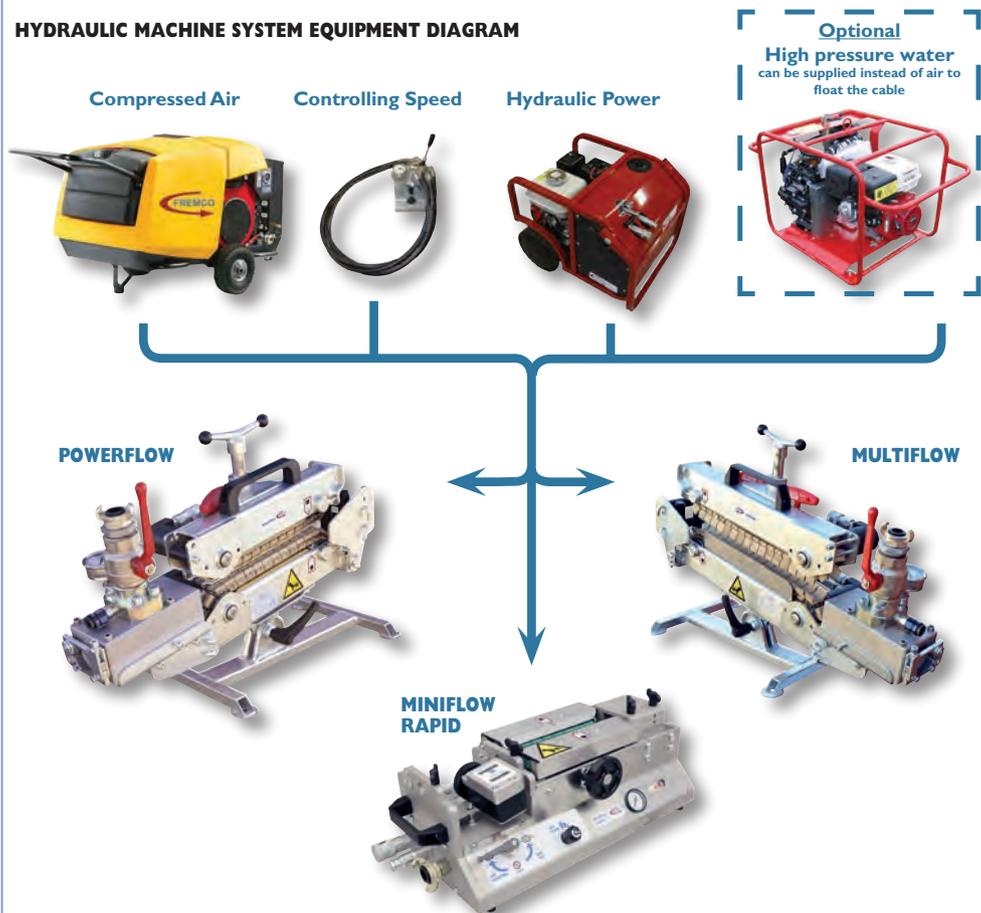
In order to blow fibre using Fremco machines, a number of other pieces of equipment are required dependent on which machine and the environment it is to be used in.

The Microflow Touch simply requires an air compressor and a 110-220V AC electrical power supply. The hydraulic powered machines (Miniflow Rapid, Powerflow & Multiflow) require a Hydraulic Multipowerpack, a Hydraulic Control Unit and either an Air Compressor or a compressed water supply.



MODEL:	NANOFLOW	MICROFLOW TOUCH	MINIFLOW RAPID	MULTIFLOW	POWERFLOW
Drive System	24V 2.0Ah Li-ion Battery	110-220V AC electrical	Hydraulic	Hydraulic	Hydraulic
Power Requirement:					
Compressed Air Requirement:	200-500 l/pr. min. 0-10 bar air	0-300 lit. pr. min. 10-15 bar	500-1000 lit. pr. min. 10-15 bar	10000 lit. pr. min. 10-12 bar	10000 lit. pr. min. 10-12 bar
Jetting Method:	Pushing or Blowing (air)	Pushing or Blowing (air)	Blowing (air) or Floating (water)	Blowing (air) or Floating (water)	Blowing (air) or Floating (water)

HYDRAULIC MACHINE SYSTEM EQUIPMENT DIAGRAM





FREMCO NANOFLOW FIBRE BLOWING MACHINE

Nanoflow™ provides easy, efficient, seamles and automatic FTTH installation.



SPECS:	
Duct size:	3-10mm
Fibre size:	0.8-2.8mm
Blowing length:	up to 1.2km
Weight:	2.8kg (without bat.)
Length:	212mm
Height:	139mm
Width:	104mm

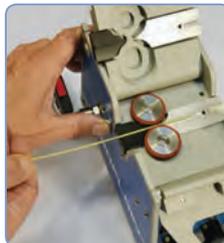
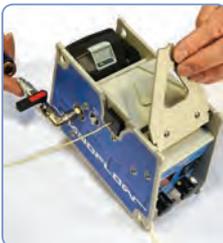


HIRE AND FINANCE OPTIONS AVAILABLE
SEE PAGE 75

- Fully automatic fibre blowing machine with unique double fibre protection
- Battery-powered (independent of 110V/230V)
- Quick load of fibre and duct
- No tools needed = very easy to configure/operate/start up
- Easy to open and close by hand
- Easy load and removal of pre-connected products from the machine without cutting

[Datasheet available online](#)

NANOFLOW™



Operation:

Easy setting with 6 steps for adjustment of speed and 6 steps for adjustment of torque. If the maximum recommended load on the fibre exceeds the preset torque, the machine stops the blowing process immediately without damage to the fibre. If the machine setting is wrong with too high torque, a unique synchronous system will also interrupt the process immediately. Obviously also without fibre damage.

The operator can use these safety systems as an indication that the fibre has reached the customer, thus a one-man job.

Features:

- Easy-to-read LED display (also in daylight), showing speed, distance, fibre protection and low battery information
- Can be placed in multiple positions for fibre blowing
- Lightweight but powerful
- Anodised aluminium construction*



Included:

- Delivered in practical carrying case with quick guide
- Can be used with or without air
- 36 months warranty
- 2 x 24V 2.0 Ah powerful Lithium-ion battery with quick charger (up to 12 hours battery life with normal usage)
- 2 sets of adaptor plates for 1.1-1.2 mm and 1.4-1.6 mm EPFU fibre (2F-12f)
- Duct adaptors for duct sizes 3-5-7-8-10 mm

Accessories: (not included)

- Tripod with quick adaptor
- Shoulder strap
- Reel holder arm for pre-connected fibre
- 24V 4.0 Ah Lithium-ion battery
- A wide selection of adaptor plates for different fibre/duct sizes on request



*Anodising is a process that increases resistance to corrosion and wear and significantly enhances the surface hardness. During the process, there is a build-up of aluminium oxide on the aluminium surface. Aluminium oxide has a hardness grade of 9.7, making it one of the hardest materials in the world (according to the Mohs scale, diamond is the hardest material in the world, with a hardness grade of 10. The hardness grade of glass is 5.6). Anodising creates a maintenance-free surface with superior wearing qualities. It ensures ultimate corrosion resistance and creates a durable, shock and scratch proof surface. Fremco uses anodising as surface treatment on all aluminium parts.

PART NO.	DESCRIPTION
NANOFLOW	NANOFLOW FIBRE BLOWING MACHINE

PLEASE CALL SALES
for further information and pricing



FREMCO MICROFLOW TOUCH FIBRE BLOWING MACHINE

The Fremco Microflow Touch is the natural choice for effortless FTTH installations. Its compact size and dual voltage usage sets it apart from its competitors in the market.

It has been designed to blow fibre cables from 0.8-5.5mm into tube sizes 5-16mm at speeds of up to 100m per minute over distances up to 2.5km.

Specifications

- Fibre cable diameter from 0.8 - 5.5 mm
- Microduct diameter from 5 - 16 mm
- Speed up to 100 m/min.
- Powered by 24 V DC electric motor
- Electronic control unit
- Electronic meter speed/counter with presetting of blowing distance
- Adjustable motor torque load of fibre cable
- Electronic protection technology to prevent damages to fibre cable
- Recommended pressure and airflow 8-16 bar (200-500 l/pr. min.).



The blowing process

Using the Microflow Touch a typical blowing process is as follows:

1. The machine is placed on a stable surface and the fibre cable is placed into the machine.
2. The duct, in which the fibre cable is to be blown, is placed into the machine as well and the pulling wheels are adjusted
3. Using the control unit the appropriate torque level, speed and blowing distance can be finely adjusted
4. Once the start button has been pressed, the fibre cable is fed into the duct and after 10-20 metres the air is turned on
5. The cable blowing is now automatic and can be stopped either manually by pressing the stop button or automatically when the preset blowing distance has been reached



HIRE AND FINANCE OPTIONS AVAILABLE
SEE PAGE 75

Datasheet available online

Protection technology

The Microflow Touch has a unique protection technology that stops the machine if the fibre cable meets an obstacle.

An obstacle in the microduct will cause the fibre cable to become slightly bent inside the machine.

This bend is detected by a sensor and the motor stops automatically to prevent any damage being done to the fibre cable.



Control unit

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

- Adjustment of maximum motor torque
- Adjustment of maximum speed
- Presetting of counter with automatic stop after a specified blowing distance
- Acceleration - from start to maximum speed
- Deceleration - from maximum speed to stop
- The display shows different information during blowing, for instance: distance count, speed and torque



PLEASE CALL SALES
for further information and **pricing**

PART NO.	DESCRIPTION
MICROFLOWTOUCH	MICROFLOW TOUCH FIBRE BLOWING MACHINE

FREMCO MINIFLOW RAPID FIBRE BLOWING MACHINE

The Fremco MiniFlow Rapid offers exceptionally rugged construction and high performance.

Featuring a wheel-free chain drive system that ensures reliability in all extreme weather conditions.

It has been designed to blow fibre cables from 4-12mm into tube sizes 7-20mm at speeds of up to 100m per minute over distances up to 3.5km.

Specifications

- Micro cable diameter: 4 - 12 mm
- Microduct diameter: 7 - 20 mm
- Blowing distance¹: Up to 3.5 km (water), 2.5 km (air)
- Blowing speed²: Up to 100 m/min.
- Recommended pressure and airflow²: 8-16 bar (1,000 l/pr. min.)
- Weight: 24 kg
- Length: 650 mm
- Width: 225 mm
- Height: 210 mm

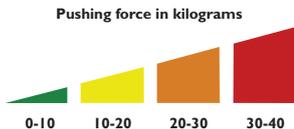
¹ Stated distances are for guidance only. Actual performance may be greater or lesser dependent on duct size, duct condition and fibre cable type.

² Cooled and dried air.



Cable damage prevention

The MiniFlow RAPID features a unique monitoring system that continuously monitors the pushing force applied to the fiber cable. This provides the user with visibility should the cable meet a blockage or too much resistance in the duct. The user can then stop the drive wheels before the fiber cable is damaged.



The MiniFlow RAPID offers many advantages:

- **User friendly design**
The MiniFlow RAPID has a user friendly design that makes for easy operation. The machine is designed with the main focus on functionality that includes:
 - Rugged stainless construction
 - Safety chain guard
 - Large easy to use adjustable knobs
 - Pushing force indicator
- **Built-in meter counter**
The MiniFlow RAPID has a built-in mechanical meter counter. The counter is easy to read and is robust and simple to operate. A digital counter and tachometer is available as an optional extra.
- **Flexible**
MiniFlow RAPID offers great flexibility. The machine can quickly be adapted to accommodate different cable and duct sizes.
- **Efficient cable blowing**
MiniFlow RAPID is a compact and efficient cable blowing machine. The machine is capable of installing fibre cable at speeds up to 100 m/min. and up to a distance of 3.5 km.
- **Robust and compact**
MiniFlow RAPID is very robust and compact. The machine is constructed in stainless steel and anodized aluminium that makes it suited for use under rugged conditions at cable blowing locations.

PLEASE NOTE: The following additional equipment is required to operate the blowing machine.

- Hydraulic MultiPower Pack
- Hydraulic Control Unit
- High pressure air compressor and hoses

These are required items but are not supplied with the blowing machine and must be ordered separately.

Please see **page 68** for more information.



PART NO.	DESCRIPTION
MINIFLOWRAPID	MINIFLOW RAPID FIBRE BLOWING MACHINE

PLEASE CALL SALES
for further
information
and pricing





FREMCO POWERFLOW FIBRE BLOWING MACHINE

The Fremco Powerflow is a highly robust machine, engineered specifically for external use and capable of blowing single and multiple fibre cables into mult ducts.

Designed to blow or float fibre cables from 8-25mm into duct sizes 18-70mm at speeds of up to 80m per minute over distances up to 10km (using water).

Specifications

- Cable diameter: 8 - 25 mm
- Duct diameter: 18 - 70 mm
- Blowing distance¹: Up to 10 km (water), 5 km (air)
- Blowing speed¹: Up to 80 m/min.
- Recommended pressure and airflow²: 8-12 bar (8.000-12.000 l/pr. min.)
- Weight: 38 kg
- Length: 650 mm
- Width: 230 mm
- Height: 350 mm

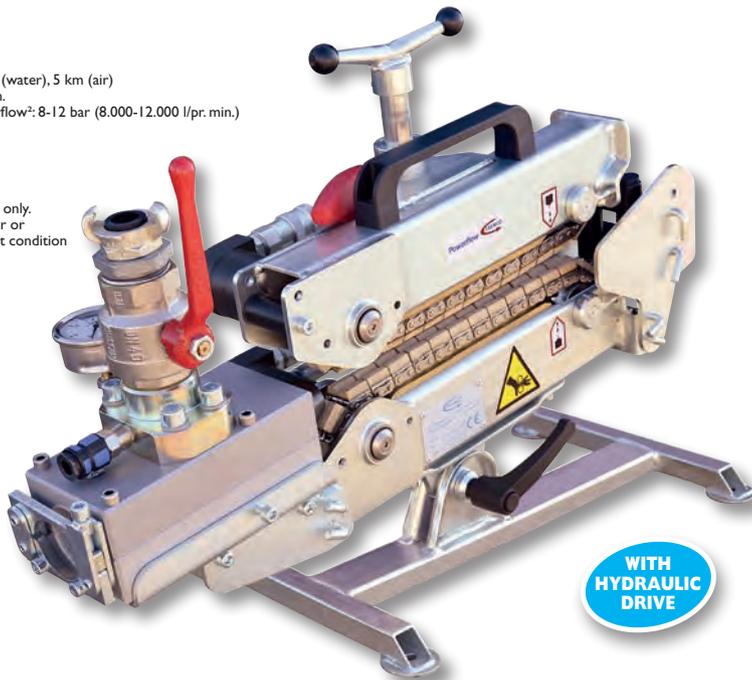
¹ Stated distances are for guidance only. Actual performance may be greater or lesser dependent on duct size, duct condition and fibre cable type.

² Cooled and dried air.

FIBRE OPTIC PRODUCTS

BLOW
with AIR or
FLOAT with
WATER

**HIRE AND
FINANCE
OPTIONS
AVAILABLE**
SEE PAGE 75



**WITH
HYDRAULIC
DRIVE**

The PowerFlow offers several benefits

• User friendly design

The PowerFlow has a user friendly design, making the machine easy to operate. The main focus of its design is functionality to make cable blowing simple.

• Cable blowing using either air or water

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

• Efficient blowing

The PowerFlow is a very efficient cable blowing machine. It can blow cables with a speed up to 80 m/min. It is possible to blow distances up to 10 km (using water)

• Robustness

The PowerFlow is built to last and can handle being used in the harsh environments commonly experienced at cable blowing sites.

• Flexibility

The Powerflow is very flexible since it can be changed to blow into different sizes and numbers of microducts. There are many different sizes and combinations of fittings available to suit cable diameters 8 - 25 mm into duct diameters 18 - 70 mm.

PLEASE NOTE: The following additional equipment is required to operate the blowing machine.

- Hydraulic MultiPower Pack
- Hydraulic Control Unit
- High pressure air or water compressor and hoses

These are required items but are not supplied with the blowing machine and must be ordered separately.

Please see [page 68](#) for more information.



PART NO.	DESCRIPTION
POWERFLOW	POWERFLOW BLOWING MACHINE

**PLEASE
CALL SALES**
for further
information
and **pricing**



FREMCO MULTIFLOW FIBRE & MICRODUCT BLOWING MACHINE



The Fremco Multiflow is a multipurpose heavy duty external blowing machine. Comfortable in blowing the largest multiple fibres as well as blowing microducts into larger ducts (relining).

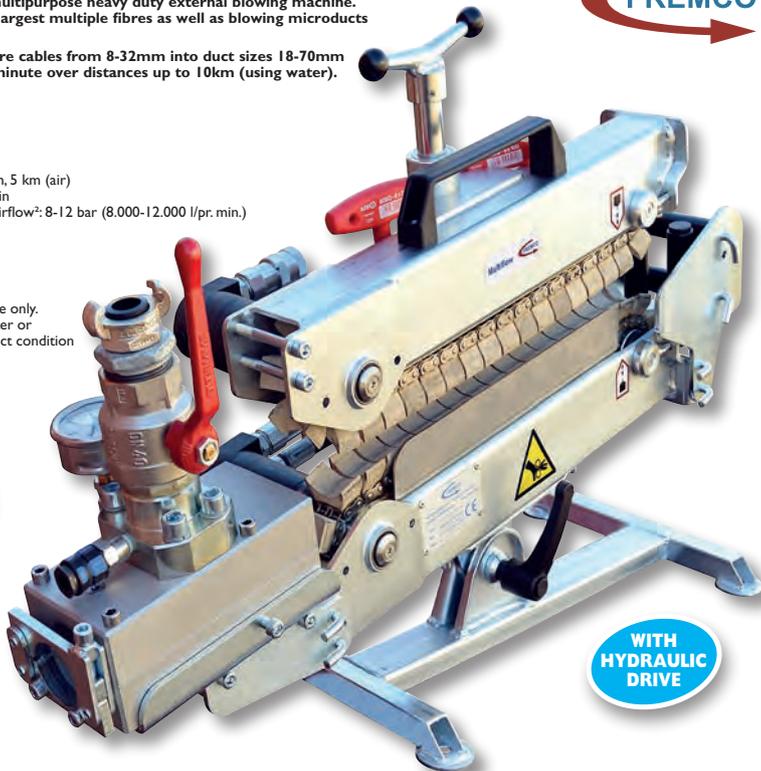
Designed to blow or float fibre cables from 8-32mm into duct sizes 18-70mm at speeds of up to 80m per minute over distances up to 10km (using water).

Specifications

- Cable diameter: 8 - 32 mm
- Duct diameter: 18 - 70 mm
- Blowing distance¹: Up to 10 km, 5 km (air)
- Blowing speed²: Up to 80 m/min
- Recommended pressure and airflow²: 8-12 bar (8.000-12.000 l/pr. min.)
- Weight: 40 kg
- Length: 700 mm
- Width: 230 mm
- Height: 350 mm

¹ Stated distances are for guidance only. Actual performance may be greater or lesser dependent on duct size, duct condition and fibre cable type.

² Cooled and dried air.



FIBRE OPTIC PRODUCTS

BLOW with AIR or FLOAT with WATER

HIRE AND FINANCE OPTIONS AVAILABLE SEE PAGE 75

WITH HYDRAULIC DRIVE

The MultiFlow offers several benefits

- **User friendly design**
The MultiFlow has a user friendly design, making the machine easy to operate. The main focus of its design is functionality to make cable blowing simple.
- **Cable blowing using either air or water**
With the MultiFlow it is possible to install fibre optic cables using either air or water. With water assisted cable blowing you can achieve optimal results, especially when installing larger cables or blowing long distances.
- **Efficient blowing**
The PowerFlow is a very efficient cable blowing machine. It can

blow cables with a speed up to 80 m/min. It is possible to blow distances up to 10 km (using water)

- **Robustness**
The MultiFlow is built to last and can handle being used in the harsh environments commonly experienced at cable blowing sites.
- **Flexibility**
The MultiFlow is very flexible as it has been designed to blow not only larger fibre cables but also to blow microducts into larger ducts (relining). Furthermore the machine can quickly be changed to blow into different sizes and numbers of microducts. There are many different sizes and combinations of fittings available to suit cable diameters 8 - 32 mm into duct diameters 18 - 70 mm.

PLEASE NOTE: The following additional equipment is required to operate the blowing machine.

- **Hydraulic MultiPower Pack**
- **Hydraulic Control Unit**
- **High pressure air or water compressor and hoses**

These are required items but are not supplied with the blowing machine and must be ordered separately.

Please see **page 68** for more information.



PART NO.	DESCRIPTION
MULTIFLOW	MULTIFLOW BLOWING MACHINE

PLEASE CALL SALES for further information and pricing



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



PART NO.	DESCRIPTION
CONTROLUNIT	HYDRAULIC CONTROL UNIT

PLEASE CALL SALES
for further
information
and **pricing**

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.



PART NO.	DESCRIPTION
MULTIPOWER	HYDRAULIC MULTIPOWER PACK

PLEASE CALL SALES
for further
information
and **pricing**

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**



COMPRESSORS



*"...Probably the best
fibre blowing machines
in the world!"*

**Available for rent, finance
purchase and purchase**



Fibre Blowing Machine Hire

Whether you need a blowing machine for as little as a week for a short term project, or for several months as part of a medium-term contract, Mills has an extensive fleet of the latest Fremco machines 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 which model you need, where you need it and when you need it as dictated by your project requirements. Weekly hire fees enable you to keep a tight control of your cashflow whilst you 'pay-as-you-blow' and all hire payments are 100% tax deductible in the year they are made and do not appear on the balance sheet.

It's straightforward and simple to hire from Mills. Our expert blowing machine specialists will find the best solution for you and your business. If desired they will provide basic operation training when delivering the machine to you - all this at no extra cost. In addition to this you will be provided with the details of our 24/7 Fremco OnSiteAssist helpline that will put you directly through to a blowing machine specialist, should the need arise. 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.

So don't let upfront costs be a barrier to entry on bidding for fibre blowing projects, call sales on **020 8833 2626** for further information and a hire quote.



Fibre Blowing Machine Finance Purchase

Want to purchase a blowing machine without the upfront cost, enabling you to use valuable capital elsewhere in your business? If yes, then Mills can help you purchase a blowing machine and spread the cost over 24 or 36 months with a minimum amount of interest and with the flexibility to settle early without penalty.

So don't let upfront costs be a barrier to entry on bidding for fibre blowing projects, call sales on **020 8833 2626** for further information on finance purchasing a Fremco fibre blowing machine now.

**Call sales to speak to a fibre
blowing specialist NOW!**

Mills is the **EXCLUSIVE DISTRIBUTOR** of **FREMCO** equipment in the **UK & Ireland**

HEXATRONIC FIBRE BLOWING MACHINE KIT



Application

The Air Blown Fibre Installation Tool is used for the installation of Air Blown Fibres into microducts. This unique, easy-to-handle and lightweight tool is designed for optimal performance.

Design

The blowing tool consists of a body that guides and feeds the fibre unit into the microduct. The tool uses both compressed air and an electric motor to feed the fibre. An adjustable magnetic coupling limits feeding force on fibre to avoid damage in case of a sudden stop. A Li-ion battery pack, fitted in the tool handle, powers the motor. The motor speed and direction is controlled by a trigger switch on the handle.

The blowing tool is normally fed with dry compressed air. The compressed air is connected to the tool with a 1/4" standard (CEJN) quick connector. For optimal installation performance, an air flow of 80 l/min and a nominal pressure of 8 bar is required.

For shorter distances, a smaller compressor or a portable pressure canister with a reduction valve can be used. For very short distances (up to 50 m) such as in small multi dwelling units, the fibre can be fed by the integrated electrical motor only, without using any compressed air supply at all.

Fibre Units

The Hexatronic Air Blown Fibre units are available either as pre-connected (with a fibre connector in the end) or without connectors. The pre-connected fibres are delivered in small lightweight reels that are conveniently fitted on the reel holder of the tool.

Performance

The installation distance and performance depends on several parameters such as number of bends, radius of each bend, temperature, humidity, air pressure, type of fibre unit etc. In normal situations, a blowing distance of typically 1000 m can be expected. The maximum installation speed varies depending on distance and is typically 80-120 m/min (max 150 m/min).

HEXATRONIC
Cables & Interconnect Systems



Features

- Class leading installation performance
- Installation speed of up to 150 m/min
- Portable and Lightweight
- Easy to use and virtually calibration free design
- Low noise
- For microduct dimensions 3, 5 and 7 mm.



Contents of Kit

- Blowing tool
- Battery charger
- Two Li-ion batteries
- Set of air filter and valve
- Small toolbox with tools and common replacement parts
- Fibre guide sets for up to ≤ 1.3 mm and ≤ 1.6 mm fibre units
- Nozzles for 3 mm, 5 mm and 7 mm microducts
- Microduct cutter
- User guide
- Carrying case



PART NO. DESCRIPTION

E00-6664	FIBRE BLOWING MACHINE KIT
E00-6665	OPTIONAL TRIPOD WITH BALL JOINT
E00-6666	SPARE SERVICE KIT (RUBBER RINGS, NOZZLES ETC.)
E00-6667	SPARE FIBRE GUIDE SET (UP TO 1.3 MM DIAMETER)
E00-6668	SPARE FIBRE GUIDE SET (UP TO 1.6 MM DIAMETER)

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsitd.com



ZEITLER EZ SPEEDY CABLE FEEDING KIT

The 'EZ Speedy' is a cost effective and efficient solution for feeding fiber optic cables (ø 0.5 mm to 8.0 mm) into microducts, utilising a standard cordless power tool (not included), up to a distance of 500m, when used in conjunction with the 'EZ Booster' compressed air adaptor. The 'EZ Speedy' is supplied in a robust ABS case and comprises a full range of cabling guides and microduct adaptors to feed most fiber optic cables with diameters from 0.5mm to 8mm into microducts with outside diameters of 6, 7, 8, 10, 12 & 14 mm. Also included in the kit is an 8mm hexagon drive adaptor for direct connection to most popular cordless power tools. We recommend a 10.8V cordless power tool for convenience and versatility. Insertion length up to 500m.

In connection with the EZ BOOSTER the cable can be inserted even more smoothly and evenly.

Supplied equipment in strong ABS plastic case:

- 1 x EZ SPEEDY basic tool
- 2 x rubber rolls according to chosen cable dimension
- 2 x cable guides according to chosen cable dimension
- 5 x microduct couplings (6,8,10,12 and 14 mm)
- 1 x tube reducer 8/7mm
- 1 x microduct adaptor
- 1 x Hex Bit holder 8 mm
- 1 x Allen key 5 mm
- 1 x wrench 8 mm
- 1 x small container with spare screws
- 1 x operating manual



NEW!



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
E00-6681	EZ SPEEDY CABLE FEEDING KIT

ZEITLER EZ BOOSTER COMPRESSED AIR ADAPTOR KIT

For feeding cables up to distances of 500m, the 'EZ Speedy' must be used in conjunction with the EZ Booster, which is a compressed air adaptor and fits quickly to the 'EZ Speedy' and needs to be adjusted to fit the desired microduct using the duct couplers supplied in the kit.

Supplied equipment in strong ABS plastic case:

- 1 x EZ BOOSTER basic tool
- 1 x entrance plate (green) according to selected cable dimension
- 1 x connection plate (violet) according to selected cable dimension (to connect EZ SPEEDY)
- 5 x microduct couplings (6, 8, 10, 12 & 14 mm)
- 1 x microduct reducer 8/7mm
- 1 x Torx wrench T20
- 1 x small container with 10 rubber disks according to selected cable dimension
- 1 x small container with 6 spare screws
- 1 x operating manual



NEW!



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
E00-6682	EZ BOOSTER COMPRESSED AIR ADAPTOR KIT

FIBRE OPTIC PRODUCTS

ZEITLER EZ GLIDE LUBRICATOR ACCESSORY KIT

As an accessory to the EZ Speedy and EZ Booster, the EZ Easy Glide Lubricator is strongly recommended. Specially designed to simply and automatically apply lubricant on to the cable evenly and economically.

Supplied equipment in strong ABS plastic case:

- 1 x EZ Easy Glide basic tool
- 1 x EZ Easy Glide entrance plate
- 1 x EZ Easy Glide connection plate
- 1 x EZ Easy Glide glass cylinder
- 5 x microduct couplings (6, 8, 10, 12 & 14 mm)
- 1 x microduct reducer 8/7mm
- 1 x Torx wrench T20
- 1 x small container with 15 rubber disks
- 1 x small container with 6 spare screws
- 1 x coupling front
- 1 x 125ml cable lubricant



NEW!



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
E00-6683	EZ GLIDE LUBRICATOR ACCESSORY KIT

BOSCH 10.8V LI-ION CORDLESS COMBINATION DRILL

The Bosch GSB10-8VLi is a 10.8V Lithium-ion cordless combination drill. This package includes the drill, two x 2.0 Ah Li-ion batteries, a quick charger, holster and is supplied in a strong ABS storage case.

It is the ideal partner and driving tool for the EZ Speedy. In addition to use with the EZ Speedy it can, of course, be used for drilling wood, steel and masonry in addition to screwing.

NEW!



Includes:

- Bosch GSB10-8VLi Combi Drill
- 2 x 2.0 Ah Li-ion batteries
- AL 1130 CV Quick Charger
- Holster
- L-BOXX Transportation Case

At 189 mm it has the shortest design in its class for optimum handling, especially when performing drilling and screwdriving applications, overhead and in tight spaces.

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
P09-6870	BOSCH GSB10-8VLI COMBI DRILL + 2 x 2Ah BATTERIES

POLYWATER® PRELUBE 2000™ CABLE BLOWING LUBRICANT 0.95L

Ideal for blowing cables and relining ducts, Polywater® Prelube 2000™ reduces frictional drag during the blowing of outside plant cable into duct. It increases the length of cable that can be blown in a single shot. Prelube 2000™ can also be used to blow in the hollow microtubes intended to hold future microcables.

Over the last decade, Prelube 2000™ has been proven in the blowing of tens of thousands of kilometers of cable in over 20 countries on a variety of cable blowing machines.

- Cable blowing lube for air-assisted fibre optic cable installations.
- Compatible with cable jackets.
- Approved & recommended by numerous blowing equipment manufacturers.
- Increases blowing distance with lower friction.



PART NO.	DESCRIPTION	PRICE
S83-6675	PRELUBE 2000™ CABLE BLOWING LUBRICANT 0.95L	9.25

POLYWATER® PRELUBE 5000™ CABLE BLOWING LUBRICANT 0.25L

Polywater® Prelube 5000™ is more concentrated than the Prelube 2000™. It is intended for blowing microcable into small diameter microtubes. The improved chemistry allows this product to spread further and lower friction at extremely low coating levels. The lower viscosity allows practical application into the microtubes.

- Microfibres/Microduct applications.
- Cable blowing lubricant for air assisted installations.
- Compatible with micro cable plastic jackets.
- Reduces friction, drag, and increases blowing length

Polywater® Prelube 5000™ is easy to use. It can be squeezed into the small diameter microducts.

It works at extremely low coating levels. It coats further and more effectively than conventional blowing lubricants.

Polywater® Prelube 5000™ is compatible with known microcable plastic jackets. However, it should not be used for resin-coated fibre cables.



PART NO.	DESCRIPTION	PRICE
S83-6676	PRELUBE 5000™ CABLE BLOWING LUBRICANT 0.25L	13.49

POLYWATER® F LUBRICANT 3.8L

Polywater F Lubricant is a high performance, pourable liquid, cable pulling lubricant recommended for pulling underground fibre optic cable. It is also suitable for pulling coaxial and copper-pair cable. Polywater F is a thick liquid, and is applied by pouring or pumping the lubricant into the duct system. It is a popular lubricant and used in the pulling over 50,000 miles (80,000 km) of fibre optic cable into duct.

- Field proven high performance pourable lubricant
- Easy to pour into innerducts and feeder tubes
- Works on underground fibre optic, coaxial, and copper cable pulls
- Approved and recommended by many cable manufacturers
- Superior friction reduction
- Carries with cable for long distance - wets and clings to cable.
- Compatible with cable jackets
- Clean and non-staining



PART NO.	DESCRIPTION	PRICE
S83-6677	POLYWATER® F LUBRICANT 3.8L	11.74

POLYWATER® FTTx LUBRICANT 0.95L

Polywater® FTTx Fibre Lubricant makes the installation of fibre drops easy. The lubricant is concentrated, only a thin film is required for immediate tension reduction that lasts even as the lubricant dries. Spray or wipe the cable or conduit. Quick and easy to use without mess or excess lubricant.

- Perfect for Fibre Optic Drops
- Non-Staining, Quick Clean-Up
- Easy Application with Spray
- Lubricates with Very Thin Film, Performs After Drying
- Compatible with Common Cable Jackets Including Polyethylene

FTTx Lubricant works even after it has dried. The residue is a thin, slippery film that retains lubricity for months after use.



PART NO.	DESCRIPTION	PRICE
S83-6678	POLYWATER® FTTx LUBRICANT 0.95L	9.46

POLYWATER® SQUEEYKLEEN™ CABLE CLEANING WIPES

Supplied in a dispenser with 300 5" x 6" (127mm x 152mm) premoistened cable cleaning wipes.

New SqueezyKleen™ cleans and fans fibre in two wipes without alcohol, saving time & money. No follow-up with alcohol required to get fibres squeaky clean and separated for fast & easy splicing.

SqueezyKleen™ reduces chemical odors & harmful vapour concentrations in splice trailers and vaults while being less harsh on hands.

Its unique formulation and specially designed high-performance toweltette work to remove pik from the entire surface of loose tube or ribbon fibres, leaving no residue.

SqueezyKleen™ helps keep splice equipment clean for better fibre alignment & splice quality. Will not harm acrylate on loose tube cable or Mylar on ribbon fibre.



PART NO.	DESCRIPTION	PRICE
S83-6679	POLYWATER® SQUEEZYKLEEN COMMUNICATIONS CLEANER	27.06

POLYWATER® AQUAKLEEN™ FIBRE CLEANER 60ML

For cleaning ferrules, bulkheads and fibre endfaces.

AquaKleen™ Fibre Cleaner is formulated for cleaning fibre-optic cables and endfaces. Its excellent wetting reaches precision parts to lift dust, buffer gel, lint, finger prints, and oils.

AquaKleen™ dissipates static to remove surface charges so that the surface is less likely to be re-contaminated.

AquaKleen™ Fibre Cleaner contains innovative, water-based technology. A special blend of 94% ultra-pure deionized water with proprietary solvents; it does not leave a residue. Supplied in a squeeze bottle with dropper tip.

- Eco Friendly, Non-Toxic
- Water-based
- No Residue
- Excellent Solvency
- Non-Flammable
- Easy to Transport



PART NO.	DESCRIPTION	PRICE
S83-6680	POLYWATER® AQUAKLEEN™ FIBRE CLEANER	9.87

**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
- M99-5489** Mills LED Head Torch
- C00-6409** 0.45 litre Sharps Box
- C71-6895** Sharpie Pen (PK 2)
- E00-0451** Collet Locking Tool
- E00-6468** 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
- R99-1210** 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



PART NO.	DESCRIPTION	PRICE
A10-6183	MILLS BLOWN FIBRE TOOLKIT No.1	179.95

**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
- M99-5489** Mills LED Head Torch
- B94-2889** Parts Organiser
- C71-6895** Sharpie Pen (PK 2)
- E00-0451** Collet Tools
- E00-6468** Micro Duct Cutter
- E00-0470** 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
- R99-1210** 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



PART NO.	DESCRIPTION	PRICE
A10-6184	MILLS BLOWN FIBRE TOOLKIT No.2	336.55

**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	3.95

**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
E00-6468	MILLS MICRODUCT CUTTER 0-14MM	12.30
E00-6419	SPARE BLADE FOR MICRODUCT CUTTER	5.95

**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	24.95
S83-6911	SPARE BLADE FOR MILLS SUBDUCT CUTTER	7.95

**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	22.95

**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)	32.95

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	27.95
S83-4816	SPARE BLADE	4.95

SUBDUCT CUTTER

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	16.95

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	9.95

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 1-12mm. 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	1.79

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	5.51

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	10.95
E00-4855	GUIDE BEADS FOR 2/4 FIBRE PK25	9.00
E00-4856	GUIDE BEADS FOR 8/12 FIBRE PK25	7.50

COLLET LOCKING TOOL

Used to securely lock microduct joiners and connectors.



PART NO.	DESCRIPTION	PRICE
E00-0451	COLLET LOCKING TOOL	4.85

MICRODUCT ROUNDING TOOL

Use to round microducts after cutting and before fitting a connector.

Suitable for microducts with internal diameters of :

- 2.1mm
- 3.5mm
- 8mm



PART NO.	DESCRIPTION	PRICE
E00-6411	MICRODUCT ROUNDING TOOL (PK4)	6.95

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	17.00

CUTTER LONGITUDINAL IA

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 IA	49.51

BLOWN FIBRE DUCT AIR INFLATOR

A simple air inflator for testing the integrity of blown fibre duct installations. The inflator can pressurise ducts up to 12 Bar. It is supplied with a standard PCL fitting, 8mm straight threaded-to-tube adaptor and 400mm of 8mm duct as standard.

This 8mm adaptor can be adapted to fit other tubes diameter, by use of the reducing adaptors shown on this page. The inflator should be used in conjunction with end caps and the air flow gauge shown below on this page.

PART NO.	DESCRIPTION	PRICE
C00-6697	BLOWN FIBRE DUCT AIR INFLATOR	59.95

BLOWN FIBRE DUCT AIRFLOW GAUGE KIT IN POUCH

Used in conjunction with C00-6697 Blown Fibre Air Inflator, this airflow gauge is used for testing the integrity of blown fibre duct installations.

The airflow gauge can measure flow rates of up to 50 litres per minute and is supplied with an 8mm swivel elbow adaptor and 400mm of 8mm duct as standard as well as a storage pouch.

The 8mm duct can be adapted to fit other diameter tubes, using the reducing adaptors shown below on this page.



PART NO.	DESCRIPTION	PRICE
S83-6189	BLOWN FIBRE DUCT AIRFLOW GAUGE KIT	59.95

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	1.92
Q69-6731	CONNECTOR REDUCER 8MM TO 5MM	2.26
Q69-6732	CONNECTOR REDUCER 10MM TO 8MM	2.80
Q69-6735	CONNECTOR REDUCER 12MM TO 10MM	2.85
Q69-6737	CONNECTOR REDUCER 14MM TO 12MM	2.98
Q69-6738	CONNECTOR REDUCER 16MM TO 12MM	3.95

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	0.98
Q69-6743	CONNECTOR END CAP 7MM	1.05
Q69-6744	CONNECTOR END CAP 8MM	1.10
Q69-6745	CONNECTOR END CAP 10MM	1.25
Q69-6746	CONNECTOR END CAP 12MM	1.50
Q69-6747	CONNECTOR END CAP 14MM	1.95
Q69-6748	CONNECTOR END CAP 16MM	2.65

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.



Kit comprises:

- B70-0600** Mills Utility Tote Bag With Cover Flap
- C00-6409** 0.451 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	368.80

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.



Kit comprises:

- B70-8209** Mills Heavy Duty Toolbox
- C00-6409** 0.451 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	363.30

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.



Kit comprises:

- B72-6595** Mills Tool Backpack
- C00-6409** 0.451 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	390.95

FIBRE OPTIC PRODUCTS



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)

PART NO.	DESCRIPTION	PRICE
A10-6195	SPLICER'S KIT No.2 - IN MILLS EUROCASE	533.70

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.



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	459.65

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

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	463.90

FIBRE OPTIC PRODUCTS



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



PART NO.	DESCRIPTION	PRICE
E00-6170	MILLS MASTERCLASS 3-WAY FIBRE OPTIC STRIPPER	21.90

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



PART NO.	DESCRIPTION	PRICE
E00-6175	MILLS MASTERCLASS 5-WAY FIBRE OPTIC STRIPPER	32.95

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	52.69

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	28.12

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	14.95

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	26.75

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	20.00

IDEAL STRIPPER FIBRE 1A (UP TO 3.2MM)

Most commonly used 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	16.87

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	24.05

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	33.23

MILLS MASTERCLASS STRIPPER CABLE SHEATH NO.5A

An exceptionally simple and robust stripper with the capability to circumferentially and longitudinally strip sheath from 6-25mm diameter cables. The hardened steel cutting blade automatically repositions depending on direction of travel making the tool suitable for most stripping applications, as well as plastic pipe cutting. The ergonomic shape fits comfortably into your hand and the blade depth is easily adjustable. Dimensions: 94 x 49 x 40mm.



PART NO.	DESCRIPTION	PRICE
E00-6626	MILLS STRIPPER CABLE SHEATH NO.5A	19.95
E00-6627	SPARE BLADE FOR STRIPPER CABLE SHEATH NO.5A	3.95

MILLS MASTERCLASS CABLE RINGING TOOL

The patented cable sheath stripper is designed specifically for removing the outer sheath from power and telecommunication (fibre and copper) cables with a diameter from .18" to 1.0" (4.5 to 25mm). It features an ergonomically shaped tool handle. The blade is set for circumferential cutting with a control lever for repositioning the blade to enable a spiral or longitudinal cut. Blade cutting depth is easily adjustable.



PART NO.	DESCRIPTION	PRICE
E70-5001	MILLS MASTERCLASS CABLE RINGING TOOL	14.86
E70-5003	SPARE BLADE FOR CABLE RINGING TOOL	2.70

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	27.93

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	52.20
E00-4824	REPLACEMENT STRIPPER BLADES PK 6	6.50
E00-4825	REPLACEMENT RING BLADES PK 6	6.50

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 its length, slitting the outer sheath into two halves.



PART NO.	DESCRIPTION	PRICE
E00-6625	MILLS MID SPAN ACCESS FIBRE SLITTER	19.02

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	55.98
E00-4987	SPARE BLADES (PK5)	10.82

DROP FIBRE 36F FIBRE OPTIC STRIPPER

"Butterfly" Drop Fibre stripping tool for Prysmian Group 36 Fibre Overhead Ultra Lightweight Cable, COF36F.

The ideal tool for the fast and safe removal of the outer sheath for Drop Fibre cables.

Lightweight, one piece moulded body with totally enclosed blades ensures a safe single handed push-on then pull-off operation in any working environment.

The precisely calibrated blades guarantee no damage to the internal fibres. This tool is also factory set therefore no adjustments are needed and it is ready to use out of the box.



PART NO.	DESCRIPTION	PRICE
E00-9575	DROP FIBRE 36 FIBRE OPTIC STRIPPER	16.67

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	44.95
C00-6786	REPLACEMENT BLADES (PK10)	1.50

JONARD MID SPAN SLITTERS

A) Designed to provide easy access to optical fibres in loose buffer tubes 1.2mm - 3.3 mm diameter. Features 6 precision grooves for buffer tube slitting: 1.2-1.5mm, 1.5-1.8mm, 1.8-2.1mm, 2.1-2.5mm, 2.5-2.9mm, 2.9-3.3mm.

B) Designed to provide easy access to optical fibres in loose buffer tubes 2.9mm - 6.8mm diameter. Features 5 precision grooves for buffer tube slitting: 2.9-3.6mm, 3.6-4.4mm, 4.4-5.2mm, 5.2-6.0mm, 6.0-6.8mm.

Replacement blades are available for both types of slitter.



PART NO.	DESCRIPTION	PRICE
E00-6426	A) JONARD MS-6 MID SPAN SLITTER	63.50
E00-6427	B) JONARD MS-26 LARGE MID SPAN SLITTER	69.95
E00-6423	REPLACEMENT BLADE SET FOR E00-6426 (MS-6)	28.18
E00-4826	REPLACEMENT BLADE SET FOR E00-6427 (MS-26)	28.18

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	12.88

DROP FIBRE 12F FIBRE OPTIC STRIPPER

The ideal tool for the fast and safe removal of the outer sheath of 12F Drop Fibre cables. The lightweight, one-piece moulded "butterfly" body with totally enclosed blades ensures a safe single handed, push-on then pull-off, operation in any working environment. The precisely calibrated blades guarantee no damage to the internal fibres. The tool is factory set, requiring no adjustments and is therefore ready to use straight out of the box. Stripping Capacity: Overhead 12F Hybrid Drop Fibre.



PART NO.	DESCRIPTION	PRICE
E68-6809	DROP FIBRE 12F FIBRE OPTIC STRIPPER	17.95

MILLER ARMoured CABLE SLITTER 8MM-28.6MM

Professional grade tool ideal for slitting the corrugated copper, steel or aluminum armour layer on Fibre Feeder, Central Tube, Stranded Loose Tube fibre optic cables and other armoured cables.

Tool slits outer polyethylene jacket and armour in one operation:

- Performs longitudinal slitting and circumferential (ringing) for end stripping
- Blade rotates 90 degrees by activating blade lever, allowing easy mid-span preparation (ringing and slitting)



Adjustable from 0.315" (8mm) to 1.125" (28.6mm) cable outside diameter.

PART NO.	DESCRIPTION	PRICE
E00-0469	MILLER ARMoured CABLE SLITTER 8MM-28.6MM	89.89

ARMoured & MICRO CABLE SLITTER 4-10MM

Professional grade tool ideal for slitting the corrugated copper, steel or aluminum armour layer on Fibre Feeder, Central Tube, Stranded Loose Tube fibre optic cables and other armoured cables.

Tool slits outer polyethylene jacket and armour in one operation:

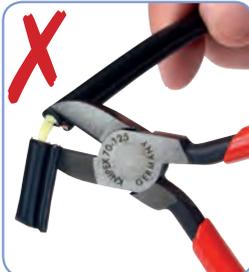
- Performs longitudinal slitting and circumferential (ringing) for end stripping
- Blade rotates 90 degrees by activating blade lever, allowing easy mid-span preparation (ringing and slitting)



Adjustable from 0.157" (4mm) to 0.393" (10mm) cable outside diameter.

PART NO.	DESCRIPTION	PRICE
E00-4742	ARMoured & MICRO CABLE SLITTER 4-10MM	105.86

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	34.95

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	24.95

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 resulting in an effortless cutting action.

Length: 140mm.



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
E00-5004	MILLS KEVLAR SCISSORS	13.20

PART NO.	DESCRIPTION	PRICE
N70-7868	MILLS MASTERCLASS CABLE SCISSORS 140MM	11.93

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").



TOOLS
NOT
INCLUDED



PART NO.	DESCRIPTION	PRICE
B70-6917	MILLS SPECIALIST FIBRE OPTIC TOOLBAG	29.95

MILLS ECONOMY COLD CURE FIBRE TERMINATION TOOLKIT

The strong PVC Case with external dimensions of 300L x 230W x 55Dmm, contains all hand tools (except curing oven and microscope) and all consumable items needed. For cold cure terminations of ST and SC/FC Fibre Optic connectors.

Step by step instructions in a protective laminated pouch are supplied with every case.

The kit contains:

- 1 ST Polishing Puck
- 1 SC/FC Polishing Puck
- 1 Glass Plate
- 1 Rubber Pad
- 1 Fibre Optic Stripper
- 1 Kevlar Scissors
- 1 Fibre Optic Crimp tool
- 1 Carbide Scribe

Consumable Items -

- 1 Set of fast setting Epoxy
- 3 Epoxy Mixer Pads
- 5 Plastic Syringes
- 1 6µM Polishing Film
- 1 1µM Polishing Film
- 1 0.05 Polishing Film
- 1 Cleanser
- 3 Set Cleaning Wipes

Bi-material
"Comfort Grip"
for extra
control



PART NO.	DESCRIPTION	PRICE
E00-9338	FIBRE OPTIC TERMINATION TOOLKIT	155.90
C00-8242	REPLACEMENT EPOXY & HARDENER	3.10



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.



FIBRE OPTIC PRODUCTS

PART NO.	DESCRIPTION	PRICE
A10-6185	A) COLD CURE KIT - IN MILLS TOOL & LAPTOP BAG	407.40
A10-6187	B) COLD CURE KIT - IN STANLEY FATMAX TOOLBOX	411.40
A10-6186	C) COLD CURE KIT - IN MILLS EUROCASE	472.40



CLEAVING TILE AND PEN CLEAVERS



PART NO.	DESCRIPTION	PRICE
C00-3530	A) PEN TYPE CLEAVER	57.48
C00-3029	B) CLEAVING TILE	29.46
C00-8421	C) FIBRE PEN CLEAVER, CARBIDE	16.70

INNO V7+ FIBRE OPTIC CLEAVER

The V7+ is an instrument for high precision fibre cleaving. It can be installed with a variety of holders for ribbon cable up to 12 fibres as well as a universal holder which is applicable to 250µm, 900µm, 3.0mm fibre cable and flat cable.

Work efficiency can be maximized with easy and simple 2 step operations. The V7+ features an automatic collector for fibre shards and off cuts.

The blade provides over 48,000 fibre cleaves by easy and simple blade position selection.

Helped by unmatched functionalities, users can achieve the most accurate cleaving and ideally prepare their fusion splicing.

See pages 96-97 for INNO Fusion Splicers



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsstd.com

PART NO.	DESCRIPTION	PRICE
C00-6085	INNO V7+ FIBRE OPTIC CLEAVER	

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)	8.20

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 125µm with no operator tool adjustments.



PART NO.	DESCRIPTION	PRICE
C00-0495	FIBRE OPTIC CLEAVER	145.82

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	0.28
C00-7992	NEEDLE TIPS 25MM	0.40

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.



PART NO.	DESCRIPTION	PRICE
C00-6408	A) SHARPS DISPOSAL BIN 0.3L	1.95
C00-6409	B) SHARPS DISPOSAL BIN 0.45L	2.59

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 PLATE	7.75

FIBRE WORK AREA MAT

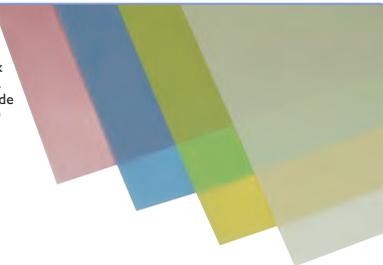


Black vinyl fibre optic polishing/work mat. Measures 22" x 14". It is dual purpose in nature, allowing fibre scraps to be seen easily and serving as a sub-surface for fibre polishing cloths. This resilient polishing mat depresses easily and lets you pick up fibre quickly for better polishing results.

PART NO.	DESCRIPTION	PRICE
C00-6882	FIBRE WORK AREA MAT	6.95

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	53.08
C00-3041	PACKET 50 9µM BLUE PAPER	54.62
C00-3042	PACKET 50 3µM PINK PAPER	58.67
C00-3043	PACKET 50 1µM LIGHT GREEN PAPER	62.62
C00-3044	PACKET 50 0.3µM WHITE PAPER	70.00

DIAMOND PAPER INDIVIDUAL SHEETS

PART NO.	DESCRIPTION	PRICE
C00-3045	1 SHEET 9µM BLUE PAPER	30.94
C00-3046	1 SHEET 6µM BROWN PAPER	30.94
C00-3047	1 SHEET 3µM PINK PAPER	30.94
C00-3048	1 SHEET 1µM LAVENDER PAPER	30.94
C00-3049	1 SHEET 0.5µM OFF WHITE PAPER	30.94

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	7.80
C00-8422	B) POLISHING PUCK LC	7.80
C00-8416	C) POLISHING PUCK ST	7.80

A) IPA DISPENSER

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) IPA MIX

IPA water mix 1 litre.

C) IPA SOLVENT SPRAY

In 400ml aerosol can.

PART NO.	DESCRIPTION	PRICE
C00-8296	A) 4OZ IPA DISPENSER	3.55
C00-3036	B) IPA WATER MIX 1 LITRE	9.92
C00-4827	C) IPA SOLVENT SPRAY 400ML	5.55

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	52.73
R02-7030	B) LOCTITE 7649 ACTIVATOR 150 ML	12.77

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. Cleave fibre will result in even lower insertion loss.

A) Divot® Bare Fiber 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

C00-6776	A) DIVOT® - SC SINGLEMODE
C00-6777	A) DIVOT® - SC/APC SINGLEMODE
C00-6778	B) DIVOT® REPLACEMENT OCC CARTRIDGE (PK3)
C00-6779	C) DIVOT® REPLACEMENT SLEEVE SET

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsd.com

3M HOT MELT FIBRE OPTIC CONNECTORS

3M Hot Melt Fibre Optic Connectors continue to be a popular choice among installers in the field. Utilising an advanced adhesive technology they are pre-filled with hot melt adhesive enabling fibre termination in 2 minutes or less. 3M Hot Melt Fibre Optic Connectors are used in conjunction with a 3M Hot Melt oven (not included) and can be re-heated to allow for fibre repositioning. These fibre optic connectors have a typical loss of .2dB. We offer ST and LC style Hot Melt Fibre Optic Connectors in both multimode and singlemode versions. 3M Hot Melt Oven and other connector types are available upon request. Minimum order quantities may apply to all types of Hot Melt connector. Please call sales for details.

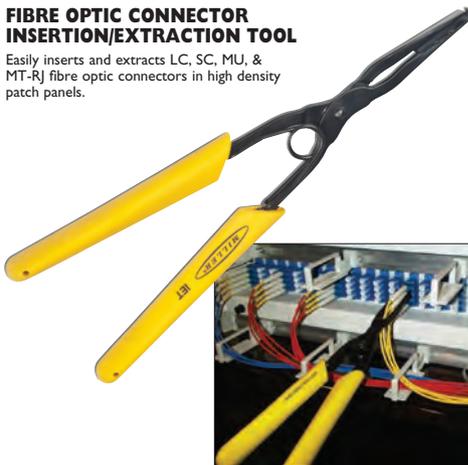
**PART NO. DESCRIPTION**

C00-4769	ST MULTIMODE HOT MELT CONNECTOR BLACK BOOT
C00-4770	ST SINGLEMODE HOT MELT CONNECTOR YELLOW BOOT
C00-4771	LC MULTIMODE HOT MELT CONNECTOR WHITE BOOT
C00-4772	LC SINGLEMODE HOT MELT CONNECTOR WHITE BOOT

RING SALES FOR **SPECIAL PRICES** OR VISIT millsd.com

FIBRE OPTIC CONNECTOR INSERTION/EXTRACTION TOOL

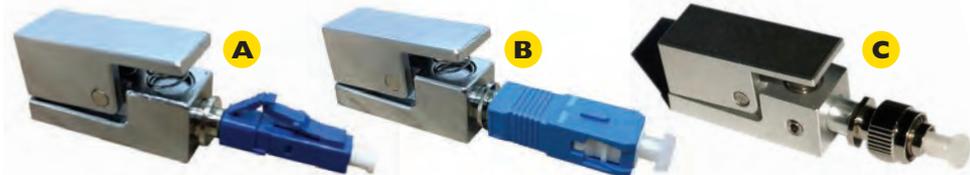
Easily inserts and extracts LC, SC, MU, & MT-RJ fibre optic connectors in high density patch panels.

**PART NO. DESCRIPTION**

PART NO.	DESCRIPTION	PRICE
E00-4988	FIBRE CONNECTOR INS/EXT TOOL	28.95

LOW COST BARE FIBRE ADAPTORs

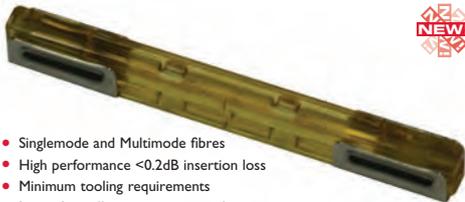
A range of low cost Bare Fibre Adaptors allowing the temporary connection of bare fibre to test equipment such as VFLs, Light Source and Power Meters.

**PART NO. DESCRIPTION**

C00-4766	A) LOW COST LC BARE FIBRE ADAPTOR	19.95
C00-4767	B) LOW COST SC BARE FIBRE ADAPTOR	19.95
C00-4768	C) LOW COST FC BARE FIBRE ADAPTOR	19.95

UNIVERSAL MECHANICAL SPlice CONNECTOR

Universal Mechanical Splices. A simple, quick and low cost universal splice for splicing both singlemode and multimode fibre (250/250, 250/900 and 900/900), giving an average 'blind' splice loss of 0.2dB. The Mechanical Splice needs to be used in conjunction with the Mechanical Splice Jig (Part Number Y70-6852) and requires minimum training.



- Singlemode and Multimode fibres
- High performance <0.2dB insertion loss
- Minimum tooling requirements
- Limited installer training required
- Suitable for FTTH, metro and enterprise networks
- No epoxy or electricity required
- Suitable for 250 or 900 fibres

PART NO.	DESCRIPTION	PRICE
Y70-6853	MECHANICAL SPlice CONNECTOR	3.25

MECHANICAL SPlice JIG

Used in conjunction with the Universal Mechanical Splice, Part Number Y70-6853, to ensure the fibre is held firmly and accurately in position during installation



PART NO.	DESCRIPTION	PRICE
Y70-6852	MECHANICAL SPlice JIG	16.65

MECHANICAL LENGTH MEASUREMENT JIG

To be used in conjunction with Mechanical Splice Y70-6853 for repetitive applications or use with old style cleavers.



PART NO.	DESCRIPTION	PRICE
Y70-6862	MECHANICAL LENGTH MEASUREMENT JIG	3.35

FIELD TERMINATION CONNECTOR LENGTH GAUGE

To be used in conjunction with Swift Field Assembly Connectors – Useful for repetitive work or use with old style cleaver



PART NO.	DESCRIPTION	PRICE
Y70-6861	FIELD TERMINATION CONNECTOR LENGTH GAUGE	3.35

FIELD TERMINATION CONNECTORS- SC MECHANICAL SPLICES

Field Assembly SC- APC Singlemode Fibre Connector. A simple, quick and low cost field connector giving an average 'blind' splice loss of 0.2dB. The Field Connector needs to be used in conjunction with the Connector Length Measurement Jig (Part Number Y70-6862) and requires minimum training.



PART NO.	DESCRIPTION	PRICE
Y70-6854	SINGLEMODE SC/APC 3MM 900µM	3.25
Y70-6855	SINGLEMODE SC/UPC 3MM 900µM	3.25
Y70-6856	MULTIMODE OM3 SC/PC 3MM 900µM	4.10

FIELD TERMINATION CONNECTORS- LC MECHANICAL SPLICES

Field Assembly LC- APC Singlemode Fibre Connector. A simple, quick and low cost field connector giving an average 'blind' splice loss of 0.2dB. The Field Connector needs to be used in conjunction with the Connector Length Measurement gauge (Part Number Y70-6861) and requires minimum training.



PART NO.	DESCRIPTION	PRICE
Y70-6857	SINGLEMODE LC/APC 3MM 900µM	4.40
Y70-6858	SINGLEMODE LC/UPC 3MM 900µM	4.15
Y70-6859	MULTIMODE OM3 LC/PC 3MM 900µM	4.40



INNO VIEW FUSION SPLICER RANGE (VIEW 3, VIEW 5 & VIEW 7)

The INNO View range comprises the industry's fastest, most reliable fusion splicers, with three models to meet your specific needs. The latest mirrorless technology delivers even higher reliability over other splicers on the market today.

All three models feature a 5" colour LCD touch screen which enables zooming in and out by double-tapping the screen and offers a simple, intuitive interface. The View range features the world's highest magnification rate of 520x ensuring precise operation.

Features:

- As little as 7 second splice time & 13 second splice protector heat time (View 7)
- Up to 355 Splice & Heats per Li-ion battery charge (View 7)
- 5" High-Resolution Colour LCD Touch Screen
- Double-tap screen to zoom in or out
- User-friendly Smart Graphical User Interface
- 520x magnification
- No need to change fibre clamps for primary, loose or tight buffer
- Detachable SOC holder and SOC heating Oven
- 3 bright white LEDs for fibre clamping and alignment with electrodes
- Includes high precision cleaver
- The lowest total cost of ownership core alignment splicers available in the UK
- Support, repairs and calibration in the UK



INNO View 3



INNO View 5



INNO View 7



Applicable Fibres	G.651, G.652, G.653, G.654, G.655, G.657AB	G.651, G.652, G.653, G.654, G.655, G.657AB	G.651, G.652, G.653, G.654, G.655, G.657AB
Average Splice Loss	MM:0.01dB, SM:0.02dB, DS:0.04dB, NZDS:0.04dB, G.657:0.02dB (ITU-T Std)	MM:0.01dB, SM:0.02dB, DS:0.04dB, NZDS:0.04dB, G.657:0.02dB (ITU-T Std)	MM:0.01dB, SM:0.02dB, DS:0.04dB, NZDS:0.04dB, G.657:0.02dB (ITU-T Std)
Operating Method	Touch Screen or Tactile Controls	Touch Screen or Tactile Controls	Touch Screen or Tactile Controls
Splicing	Active Cladding Alignment	Core to Core Alignment	Core to Core Alignment
Heat Time	30 Sec.	13 Sec.	13 Sec.
Cable / Fibre Sizes	0.25mm - 3.0mm	0.25mm - 3.0mm/Flat cable	0.25mm - 1mm Standard Optional Clamps for 3.0mm/Flat cable
Splice Time	Auto mode:9sec/ Quick mode:7sec	Auto mode:9sec/ Quick mode:7sec	Auto mode:8sec/ Quick mode:7sec
Battery	170 Typical Splice & Heat	170 Splice & Heat	355 Splice & Heat
Electrode Life	3500 arcs	3500 arcs	3500 arcs
Monitor	5" TFT Colour LCD Touchscreen	5" TFT Colour LCD Touchscreen	5" TFT Colour LCD Touchscreen
Warranty	5 Years	5 Years	5 Years

PART NO. DESCRIPTION

C00-6078 INNO VIEW 3 CLADDING ALIGNMENT FUSION SPLICER WITH V7+ FIBRE OPTIC CLEAVER

C00-6082 INNO VIEW 5 CORE ALIGNMENT FUSION SPLICER WITH V7+ FIBRE OPTIC CLEAVER

C00-6079 INNO VIEW 7 CORE ALIGNMENT FUSION SPLICER WITH V7+ FIBRE OPTIC CLEAVER

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsLtd.com

INNO V7+ FIBRE OPTIC CLEAVER

The V7+ is an instrument for high precision fibre cleaving. It can be installed with a variety of holders for ribbon cable up to 12 fibres as well as a universal holder which is applicable to 250µm, 900µm, 3.0mm fibre cable and flat cable.

Work efficiency can be maximized with easy and simple 2 step operations. The V7+ features an automatic collector for fibre shards and off cuts.

The blade provides over 48,000 fibre cleaves by easy and simple blade position selection.

Helped by unmatched functionalities, users can achieve the most accurate cleaving and ideally prepare their fusion splicing.

- For ribbon fibre cable as well as 250µm, 900µm, 3.0mm and flat cable with universal holder
- Automatic collector for fibre shards and off cuts
- Suitable for single and ribbon cleaving up to 12 fibres
- Simple fibre setting and placement with no need for blade height adjustment
- Each point of the blade can be used not only over 3000 times, but each blade has 16 cutting points, providing over 48,000 cleaves
- Made for magnesium alloy materials, giving high strength and stability whilst maintaining a light weight, small compact size



PART NO. DESCRIPTION

C00-6085 INNO V7+ FIBRE OPTIC CLEAVER

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsLtd.com



INNO V8 AUTOMATIC FIBRE OPTIC RIBBON CLEAVER

The V8 Automatic High Precision Cleaver is an instrument for high precision fibre cleaving. V8 can be installed with a variety of holders for ribbon cable up to 12 fibres as well as universal holder which is applicable to 250µm, 900µm, 3.0mm fibre cable and flat cable.

Work efficiency can be maximized with a simple 1 step operation and automatic collector for fibre shards and off cuts. The blade provides over 48,000 fibre cleaves by easy and simple blade position selection. Helped by unmatched functionalities, users can achieve the most accurate cleaving and ideally prepare their fusion splicing.



- Cleaves single fibre and flat cable:
 - 250µm
 - 900µm
 - 3.0mm
- Cleaves ribbon fibre: 2 to 12
- Automatic 1 step operation
- Built-in automatic fibre shard collector

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
C00-4885	INNO V8 FIBRE OPTIC CLEAVER

INNO TS-8 THERMAL RIBBON CABLE STRIPPER

The TS-8 is INNO Instrument's newly developed hand-held thermal ribbon cable stripper with integrated heater to strip the jacket from ribbon cable of up to 12 fibres. This unique product offers superb ease of use in the FTTx field, even in the most extreme of environments.

Developed as a dedicated stripper for ribbon fibre cable, its simple and fast operation enables anyone to do clear stripping with near-zero failure.

Its high battery capacity enables approx. 500 ribbon fibre cable strips



- Dedicated stripper for ribbon fibre cable
- Hand-held type stripper
- World's fastest heating time of 4sec
- Long lasting battery: Approx. 500 times with a full charged battery

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
C00-4886	INNO TS-8 THERMAL RIBBON CABLE STRIPPER

FIBRE OPTIC PRODUCTS

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	37.57

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



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
- M99-5489** 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	355.70

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



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
- M99-5489** 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	348.95

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



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
- M99-5489** 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	366.30

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
- M99-5489** Mills LED Head Torch
- M99-6914** Mini Millslite Cree LED Zoom Lens Torch
- S26-5924** Bolle Safety Glasses (not laser protective)

PART NO.	DESCRIPTION	PRICE
A10-6148	FIBRE INSPECTION KIT No.2 - IN MILLS FIBRE BAG	447.50

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
- M99-5489** Mills LED Head Torch
- M99-6914** Mini Millslite Cree LED Zoom Lens Torch
- S26-5924** Bolle Safety Glasses (not laser protective)

PART NO.	DESCRIPTION	PRICE
A10-6149	FIBRE INSPECTION KIT No.2 - IN TOOL & LAPTOP CASE	458.10

FIBRE OPTIC PRODUCTS



Fibre toolkits to suit every need

Blown Fibre Toolkits

See page 79



Fibre Joiner's Toolkits

See page 83

Fibre Splicer's Toolkits

See Pages 84-85



Cold Cure Fibre Termination Toolkits

See Pages 91



FIBRE OPTIC PRODUCTS

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	64.35

STICKLERS™ CLEANCLICKER™ FIBRE CONNECTOR CLEANERS

Available in two sizes: 1.25mm for LC, MU; UPC/APC and 2.5mm for SC, ST, FC, E2000; UPC/APC connectors.

Contents:

- Cleans both unmated connector and connectors in the adaptor
- 750+ cleaning capacity and refillable
- Saves money and time without sacrificing cleaning performance



PART NO.	DESCRIPTION	PRICE
C05-5800	CLEANCLICKER 1.25MM FERRULES	45.42
C05-5801	CLEANCLICKER 1.25MM REFILL PK 2	77.59
C05-5802	CLEANCLICKER 2.5MM	45.42
C05-5803	CLEANCLICKER 2.5MM REFILL PK 2	77.59

STICKLERS® CLEANCLICKER™ MPO/MPT CONNECTOR CLEANER

Engineered for MPO and MTP® multifibre connectors. It cleans flat polished multimode and 8 degree angled singlemode connectors. With 600+ cleans, it is perfect for cleaning connectors in high density network applications such as data centres and telecom central offices.



PART NO.	DESCRIPTION	PRICE
C00-6700	CLEANCLICKER™ MPO FIBRE CONNECTOR CLEANER	60.70

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	11.24

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	20.40
C05-1312	B) BENCHTOP CLEANWIPES™ PKT 90	6.09
C05-3967	C) BENCHTOP CLEANWIPES™ PKT 100	27.57

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

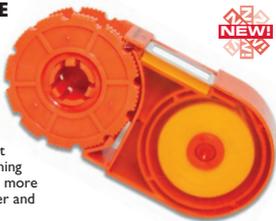


PART NO.	DESCRIPTION	PRICE
C05-1309	(A) 1.25MM CLEANING STICK - GREEN (PK 50)	22.01
C05-1310	(B) 2.5MM CLEANING STICK - BLUE (PK 50)	22.01



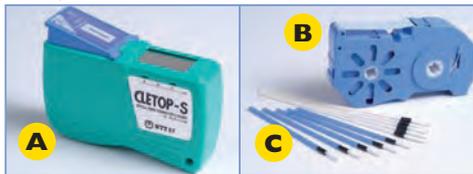
STICKLERS CASSETTE CLEANCLICKER

Ferrule End-Face Cleaner for SC and LC duplex, ST, FC, E2000, and female (no guide pin) MPO cable assemblies. Micro-woven lint-free cleaning ribbon provides high absorbency while trapping dust particles. Manual advance cleaning wheel enables operator to get more cleaning than traditional shutter and trigger-style cassette cleaners.



PART NO.	DESCRIPTION	PRICE
C05-4803	STICKLERS CASSETTE CLEANCLICKER	35.95

THE CLETOP-S TYPE B CASSETTE AND STICK, FIBRE OPTIC CLEANING PRODUCTS



A) Cletop-S – Fast and efficient way of cleaning most fibre optic patch lead connectors prior to connection. The cassette can be advanced over 400 times. Suitable for most connectors except MTRJ and MPO Male for which a separate product is available.

B) Replacement cartridge for Cletop.

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

PART NO.	DESCRIPTION	PRICE
C00-7038	A) CLETOP-S TYPE B CLEANER	80.36
C00-7039	B) REPLACEMENT CARTRIDGE FOR ABOVE	22.91
C00-7040	C) 2.5MM CLETOP STICK PKT 10	9.98
C00-7041	C) 1.25MM CLETOP STICK PKT 10	9.38

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	CLEAN CORE CASSETTE	36.95
C00-9840	REPLACEMENT CASSETTE	16.86

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	5.24
C00-7732	B) IPA WIPES PK 50	13.85

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 millsd.com for full specifications.



PART NO.	DESCRIPTION	PRICE
S26-5927	LASER SAFETY SPECTACLES - GREEN LENS	153.33

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



PART NO.	DESCRIPTION	PRICE
S26-5924	A) BOLLE BANDIDO II SAFETY SPECS	4.25
S26-5925	B) BOLLE BANDIDO SAFETY SUN SPECS	4.97

GENERAL PURPOSE TWEEZERS & FORCEPS



PART NO.	DESCRIPTION	PRICE
E15-1276	A) 125MM STRAIGHT TWEEZERS	1.59
E15-1281	B) 120MM BENT TWEEZERS	3.54
E15-1272	C) 160MM STRAIGHT FORCEPS	5.45
M99-6919	D) 92MM STRAIGHT TWEEZERS WITH 4 X MAGNIFICATION	3.75
E15-1277	E) 110MM PLASTIC TWEEZERS	2.60

FUTURA ARMoured FIBRE OPTIC LAUNCH LEADS

A range of compact armoured launch leads for the testing, certification and maintenance of fibre optic networks.

Available in SC/APC-SC/APC & LC/APC-LC/APC configurations in both 500m & 1000m lengths of G.652 Singlemode fibre. Other configurations and lengths are available upon request (minimum order quantities may apply).

These launch leads are passive optical components for use with O.T.D.R.s (Optical Time Domain Reflectometers) and are made of a coiled optical fibre that eliminates the O.T.D.R.'s "dead zone area" when testing fibre optic links.

FUTURA is an innovative and high-quality armoured fibre launch lead that guarantees a high level of cable protection and an easy maneuverability.

This product is 100% tested and certified with connectors that provide an insertion loss lower than 0,25 dB.



FIBRE OPTIC PRODUCTS

Features:

- 3 mm armoured external connectorised cables
- May be held in the palm of one hand: Four times smaller than the standard launch boxes
- Patented blocking system for 100% fibre protection
- The external connectorised cables lengths can be easily adjusted by the user
- 3 mm armoured external connectorised cables
- Includes soft protective case with neck strap

Specifications:

- Dimensions: Diameter 110mm x 50mm Height
- Weight: 400g
- Insertion Loss: <0.25dB
- Return loss: <-60dB
- Material: ABS & Aluminium



PART NO.	DESCRIPTION
C00-6770	FUTURA 9/125 SC/APC-SC/APC 500M LAUNCH LEAD
C00-6771	FUTURA 9/125 SC/APC-SC/APC 1000M LAUNCH LEAD
C00-6772	FUTURA 9/125 LC/APC-LC/APC 500M LAUNCH LEAD
C00-6773	FUTURA 9/125 LC/APC-LC/APC 1000M LAUNCH LEAD

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsitd.com



FIBRE MICROSCOPE

Handheld and lightweight microscope available in 200x and 400x magnifications. Light passes through the objective lens and adaptor tip, striking the ferrule perpendicular to the end face, producing a high level of resolution and excellent detail of scratches and contamination.

- White LED illumination provides 100,000 hours life
- A third of the cost of industry standard microscopes
- Perfect vision of ferrules
- Handheld & lightweight
- Fine focus control wheel
- Includes LC adaptor
- Built-in IR filter
- Momentary on/off switch for light source



PART NO.	DESCRIPTION	PRICE
C00-7928	FIBRE OPTIC MICROSCOPE 200X	86.67
C00-7929	FIBRE OPTIC MICROSCOPE 400X	131.23
C00-7927	SPARE LC ADAPTOR	41.03

FLUKE FIBREVIEWER™ 400X MICROSCOPE FT140

Convenient video microscope enables end-face inspection on patch cords.

- Rugged, portable, ergonomic tool
- Easy, manual focus of precision optics
- Factory-tested filters to protect eyes from harmful light exposure
- Supplied with 2.5mm universal adaptor. LC adaptor available separately



FLUKE networks

PART NO.	DESCRIPTION
FT140	FLUKE 400X MICROSCOPE

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

FLUKE NETWORKS FIBERINSPECTOR™ MICRO FI-500

Inspect all types of installed fibre with the FI-500. The portable fibre inspection tool projects a crisp image of microscopic debris and end-face damage. The patented camera includes PortBright™ to illuminate and easily connect in dark places. Includes handheld colour display, auto-focus inspection scope, 4 tips (LC and SC) bulkheads and patch cords (1.25 and 2.50mm).



FLUKE networks



- High resolution end face images on a large screen
- Use in dark patch panels with PortBright illumination built into the probe
- Auto-focus instead of a traditional manual focus ring that is difficult to hold and adjust
- Small probe gets into tight patch panels
- Includes 4 UPC tips (1.25, 2.50, LC and SC) and a case. APC and other tips available



PART NO.	DESCRIPTION
FI-500	A) FIBERINSPECTOR MICRO
FI-525	B) FIBERINSPECTOR MICRO & CLEANING KIT

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com



FLUKE NETWORKS FIBERINSPECTOR™ PRO FI-7000

FLUKE networks

VERSIV™



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	65.33
C00-6118	B) MILLS 10MW MILLS VISUAL FAULT LOCATOR	77.78
C00-6863	SPARE 1.25MM LC ADAPTOR	41.03
M99-6820	AA BATTERIES (PK 2)	1.15

FLUKE NETWORKS VISIFAULT VFL

Traces fibres, verifies continuity and polarity, and helps find breaks in cables, connectors and splices.

Continuous and flashing modes for easier identification.

Features

- Locates faults e.g. tight bends, breaks and bad connectors
- Accelerates end-to-end fibre checks
- Easily verifies polarity and identifies fibres
- Features continuous and flashing modes
- Ergonomic case survives drops & impacts
- Supports 2.5 mm and 1.25 mm SFF connectors
- Over 80 hours of battery life with two AA batteries



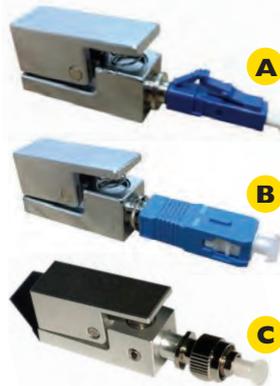
FLUKE
networks

PART NO.	DESCRIPTION
VISIFAULT	FLUKE VISIFAULT VFL

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millstd.com

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	19.95
C00-4767	B) LOW COST SC BARE FIBRE ADAPTOR	19.95
C00-4768	C) LOW COST FC BARE FIBRE ADAPTOR	19.95

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

PART NO.	DESCRIPTION
C00-5880	FID-30R OPTICAL FIBRE IDENTIFIER
C00-5881	FID-31R OPTICAL FIBRE IDENTIFIER

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millstd.com



Fujikura
FIBRE LTD





**Fluke Networks Fiber QuickMap™
- Multimode Troubleshooter**

As a new category of enterprise fibre troubleshooter that leapfrogs the limited capability troubleshooters currently on the market, the Fiber QuickMap quickly and efficiently locates connections and breaks in multimode fibre with the press of one-button. By instantly (six second typical test time) providing distances to failures such as high-loss and high-reflectance incidents, it is the must-have troubleshooter for any technician who works with fibre in data centres.

- One button troubleshooting - no lengthy set-up necessary
- Six-second test time - no more blind troubleshooting that can waste hours
- Locate high loss incidents or breaks - find the most common causes of fibre failure



FIBRE OPTIC PRODUCTS

MODEL	DESCRIPTION
FQM-MAIN	Fiber QuickMap mainframe with carrying pouch
FQM-KIT	Fiber QuickMap Kit with SC/LC 50 µm Launch Fibre, Interchangeable LC Adapter and carrying pouch
FTS900	Fiber QuickMap Kit with test reference cords (50 and 62.5 µm for both SC/SC and SC/LC), VisiFault Visual Fault Locator and carrying case
FTS1000	Fiber QuickMap Troubleshooter Kit with test reference cords (50 and 62.5 µm for both SC/SC and SC/LC), VisiFault Visual Fault Locator, and SimpliFiber Pro power meter and multimode source and case

PLEASE CALL SALES
FOR FURTHER INFORMATION AND PRICING



**Fluke Networks Fiber OneShot™ PRO
- Singlemode Troubleshooter**

Fiber OneShot PRO takes the complexity out of singlemode fibre testing by analyzing fibre links and measuring faults up to 15 miles in less than five seconds. Whether you are troubleshooting FTTx, Hybrid Fibre Coax (HFC), fibre links between Central Offices, or working on regional or rural access networks, Fiber OneShot PRO is your first response to fibre trouble. This class of tester fills the gap between a VFL and OTDR because it easily and quickly locates lossy connections, high-loss faults and breaks in a singlemode fibre network.

- Measures up to 75,459 feet (23,000 metres) of fibre in seconds
- Locate severe bends, high-loss splices, breaks and dirty connectors in singlemode fibre
- Save and store up to 99 test results for later review



MODEL	DESCRIPTION
FIBR-1-SHOTPRO	Fiber OneShot PRO only - includes meter, SC adapter, 22-language quick reference guide (QRG) on CD, manual and batteries
FIBR-1-KITPRO	Fiber OneShot PRO-SC-Kit - same as SHOTPRO plus UPC-UPC 2-meter patch cord, holster and case
FIBR-1-KITPRO-VF	Fiber OneShot PRO-SC-Kit with VisiFault - everything in the PRO-SC-Kit plus the VisiFault Visual Fault Locator with 2.5 mm universal adapter
FIBR-1-KITPRO-PM	Fiber OneShot PRO-SC-Kit with SimpliFiber Pro - everything in the PRO-SC-Kit plus SimpliFiber Pro optical power meter and SC adapter
FIBR-1-KITPRO-VFPM	Fiber OneShot PRO-SC-Kit with VisiFault and SimpliFiber Pro - includes meter, SC adapter, UPC-UPC 2-meter patch cord, holster, case, 22-language QRG on CD, manual and batteries plus the VisiFault Visual Fault Locator with 2.5 mm universal adapter and SimpliFiber Pro optical power meter and SC adapter
FIBR-1-PRO-LSPM	Fiber OneShot PRO-SC-Kit with SimpliFiber Pro and Light Source - includes meter, SC adapter, UPC-UPC 2-meter patch cord, holster, case, 22-language QRG on CD, manual and batteries plus SimpliFiber Pro optical power meter and 1310nm/1550nm Light Source

PLEASE CALL SALES
FOR FURTHER INFORMATION AND PRICING





Fluke Networks SimpliFiber® Pro Optical Power Meter & Light Sources

FLUKE
networks

SimpliFiber Pro Optical Power Meter and Fiber Test Kits are the single "go-to" kits for anyone involved in first-line optical fibre cabling installation and verification. Designed for in-house fibre technicians as well as contractors, our expertly configured kits are housed in a professional and durable case and contain all the simple-to-use tools needed to quickly measure loss and power levels, locate faults and polarity issues.

- Dual-wavelength testing—complete testing in half the time
- Additional wavelengths to include 1490 and 1625—calibrated to extend from typical enterprise wavelengths for other applications
- Min/Max—precision tracking of intermittent power fluctuations, a superior alternative to the inaccurate "wiggle" test
- CheckActive™—audible tone and display icon alerts you to a live fibre
- Saves 1,000 results—compatible with our popular LinkWare™ Cable Test Management Software



MODEL	DESCRIPTION
SFPOWERMETER	SimpliFiber Pro optical power meter; SC adapter included.
SFMULTIMODE-SOURCE	SimpliFiber Pro multimode 850/1300 light source. Fixed SC port (with ST and LC testing capability available using hybrid test-reference cord accessories purchased separately)—includes FindFiber™ source capability.
SFSINGLEMODE-SOURCE	SimpliFiber Pro singlemode 1310/1550 laser light source. Fixed SC port (with ST and LC testing capability available using hybrid test-reference cord accessories purchased separately)—includes FindFiber source capability.
SFSINGLEMODE2	SimpliFiber Pro singlemode 1490/1625 laser light source. Fixed SC port (with ST and LC testing capability available using hybrid test-reference cord accessories purchased separately)—includes FindFiber™ source capability.

PLEASE
CALL SALES
FOR FURTHER
INFORMATION
AND PRICING

FLUKE
networks

Fluke Networks SimpliFiber® Pro Fiber Test Kits

SimpliFiber Pro fibre test kits come in every configuration to meet your testing needs.

FTK1300 Full-featured Inspection and Multimode Verification Kit

The FTK1300 Full-featured Inspection and Multimode Verification Kit is for network technicians and contractors who install and maintain multimode premises network. Use this kit to verify optical loss and power levels at 850 and 1300 nm, inspect fibre end-faces, locate cable faults, connector problems, and polarity issues.

Basic Verification Kit (FTK1000 and FTK2000)

The Basic Verification Kit is a great starter kit for network technicians and contractors who install and maintain fibre links. Available in single or multimode configurations, quickly verify optical loss and power levels at 850 and 1300 nm or 1310 and 1550 nm. Add additional sources, microscopes, and VFL options as needed.

FTK2100 Singlemode Fiber Verification Kit

Includes SimpliFiber Pro optical power meter, two singlemode sources (1310/1550 and 1490/1625 nm), carrying case, and SC power-meter adapter.

MODEL	FTK1000	FTK1300	FTK2000	FTK2100
SimpliFiber Pro Power Meter	x	x	x	x
SimpliFiber Pro Source 850/1300 MM source	x	x		
SimpliFiber Pro Sources 1310/1550 SM source			x	x
SimpliFiber Pro Sources 1490/1625 SM source				x
FindFiber Remote ID source		x		
FTI20 200x FiberViewer		x		
VisiFault Visual Fault Locator		x		
Professional durable carrying case	x	x	x	x

PLEASE
CALL SALES
FOR FURTHER
INFORMATION
AND PRICING



FLUKE networks. VERSIV™



FIBRE OPTIC PRODUCTS

Versiv™ Cable Certification System

Versiv users report spending 1/3 the time on testing and reporting, cutting the total cost of a job by 10%.

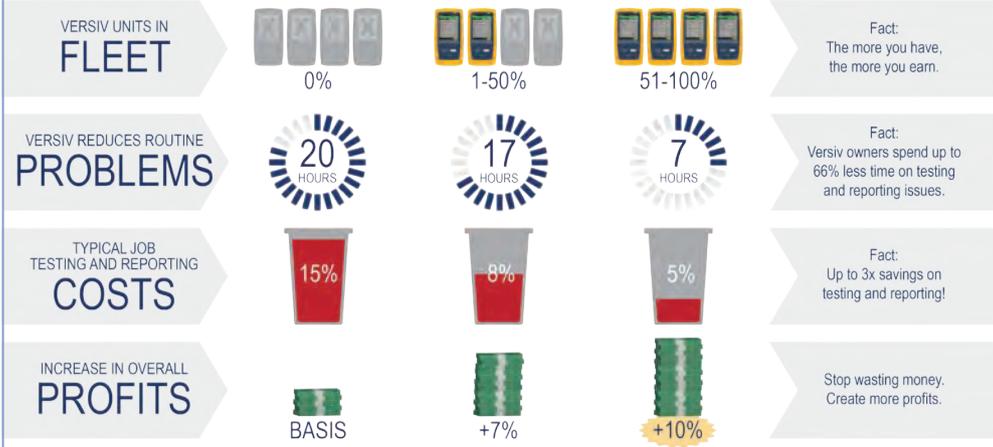
Certifying a cable is one part of a process that starts with design of a structured cabling system and ends with systems acceptance. The faster that process goes, the more profitable you'll be. Unfortunately, there are a lot of things that slow the process down – testing to the wrong limits, waiting for lead technicians to set up or troubleshoot, and discovering that you have incomplete results after your team has left the construction site.

Research shows that over 90% of contractors report dealing with issues related to set-up, testing, and reporting every month. It adds up to a week of wasted labour on a typical 1,000 drop job.

Versiv is designed to eradicate these problems. Its ProjX™ System manages job requirements and progress from setup to systems acceptance, making sure all tests are completed correctly. The Taptive™ User Interface simplifies set up, eliminates errors and speeds troubleshooting. The LinkWare™ Live cloud service gives you visibility and control of the whole process: you can set up and track your testers and inspect results from any mobile device while the job is in process. It even lets you upload and integrate results from multiple testers at multiple jobsites so you can quickly generate reports with the de-facto industry standard LinkWare PC.

Eliminate the problems, get jobs done faster, and make money every time you use Versiv.

Versiv™ Saves You Money.*



* Data based on survey of 219 contractors. During the survey period contractors reported installing 479,000 copper and fiber links.

Fluke Networks CertiFiber® Pro - Optical Loss Test Set

CertiFiber Pro OLTS improves the efficiency of fibre certification with a 3-second, two-fibres-at-both-wavelengths test. The Taptive user interface simplifies set-up, eliminates errors and speeds troubleshooting.

A set reference wizard ensures correct reference setting and eliminates negative loss errors. Built on the future-ready Versiv platform, CertiFiber Pro provides merged Tier 1 (Basic) / Tier 2 (Extended) testing and reporting when paired with OptiFiber Pro module. A convenient quad module supports both singlemode and multimode and is multimode Encircled Flux compliant. Manage and track testers, setups and results, and generate reports with LinkWare PC and Linkware Live.

CertiFiber Pro's double ended fibre optic inspection capability allows you to inspect and certify fibre optic connector end-faces at both ends of your fibre link in less than a second so you can get your job done the first time. This double ended fibre optic inspection capability provides automated PASS/FAIL certification, takes the guess work out of fibre inspection so anyone can be a fibre expert.

- Taptive™ user interface provides simple, animated guidance to eliminate incorrect reference setup and "negative loss" errors
- Fastest time to certify—two fibres at two wavelengths in three seconds
- Encircled Flux compliant as required by ANSI/TIA and ISO/IEC
- Double ended Pass/Fail certification of fibre optic connector endfaces
- Merged Tier 1 (Basic) / Tier 2 (Extended) testing and reporting when paired with OptiFiber Pro
- ProjX™ management system ensures all jobs are completed correctly and efficiently
- Convenient quad module supports both multimode and singlemode loss testing
- Extended singlemode distance range to 130 km

FLUKE networks. **VERSIV**



FLUKE networks. **VERSIV**

Fluke Networks OptiFiber® Pro OTDR

OptiFiber Pro OTDR is the industry's first data centre OTDR built from the ground up to meet the challenges of enterprise fibre infrastructures. This fibre troubleshooting and certification tool combines uncomplicated power with unparalleled efficiency and the exact functions needed for troubleshooting or certifying campus, data centre and storage fibre networks.

It elevates fibre testing with the industry's only smartphone interface that turns any technician into a fibre expert. The data centre configuration eliminates uncertainty and errors that occur when testing data centre fibre. Its ultra-short dead zones enable testing of fibre patch cords in virtualized data centres. These capabilities, plus the fastest-in-the-industry trace times, make the OptiFiber Pro OTDR the must-have tool.

SmartLoop OTDR enables automated testing and analysis of two fibres in a single test. This patent pending process automatically separates the two fibres for individual pass/fail analysis, display, and reporting. Not only does this cut the testing time by at least half, it also enables bi-directional testing without moving the OTDR to the far end.

- Effectively test data centre fibre with the least set-up and trace time
- Accelerate fibre certification with trace times as short as two seconds in Quick Test mode
- Troubleshoot data centre fibre links where short patch cables and dense connectors are common
- SmartLoop OTDR introduces the testing of two fibres in a single test eliminating the need to travel to the far end of the connection to perform tests
- Reduce network downtime by quickly and precisely identifying faults on singlemode (SM) or multimode (MM) fibre
- Manage and track testers, setups and results, and generate reports with LinkWare PC and Linkware Live



CertiFiber® Pro - Optical Loss Test Set

MODEL	DESCRIPTION
CFP-100-M-INTL	CertiFiber Pro Multimode OLTS Kit
CFP-100-MI-INTL	CertiFiber Pro Multimode OLTS kit with 2 x USB fibre inspection video probes, test reference cord set and OneClick Cleaners set.
CFP-100-S-INTL	CertiFiber Pro Singlemode OLTS Kit
CFP-100-SI-INTL	CertiFiber Pro Singlemode OLTS kit with 2 x USB fibre inspection video probes, test reference cord set and OneClick Cleaners set.
CFP-100-Q-INTL	CertiFiber Pro Quad OLTS Kit
CFP-100-QI-INTL	CertiFiber Pro Quad OLTS kit with 2 x USB fibre inspection video probes, test reference cord set and OneClick Cleaners set.

PLEASE CALL SALES
FOR FURTHER INFORMATION AND PRICING

OptiFiber® Pro OTDR

MODEL	DESCRIPTION
OFF-100-M-INTL	OptiFiber Pro Multimode OTDR for troubleshooting and extended certification
OFF-100-MI-INTL	OptiFiber Pro Multimode OTDR for troubleshooting and extended certification, includes FI-1000-KIT and accessories
OFF-100-S-INTL	OptiFiber Pro Singlemode OTDR for troubleshooting and extended certification
OFF-100-SI-INTL	OptiFiber Pro Singlemode OTDR for troubleshooting and extended certification, includes FI-1000-KIT and accessories
OFF-100-Q-INTL	OptiFiber Pro Quad OTDR for troubleshooting and extended certification
OFF-100-QI-INTL	OptiFiber Pro Quad OTDR for troubleshooting and extended certification, includes FI-1000-KIT and accessories

PLEASE CALL SALES
FOR FURTHER INFORMATION AND PRICING

OptiFiber® Pro + CertiFiber® Pro Packages

MODEL	DESCRIPTION
OFF-CFP-MI-INTL	OptiFiber Pro Multimode OTDR and CertiFiber Pro Multimode OLTS Kit with 1 x USB fibre inspection video probe, launch lead set, test reference cord set, and OneClick Cleaners set
OFF-CFP-SI-INTL	OptiFiber Pro and CertiFiber Pro Singlemode Testing Kit with 1 x USB fibre inspection video probe, launch lead set, test reference cord set, and OneClick Cleaners set.
OFF-CFP-QI-INTL	OptiFiber Pro and CertiFiber Pro Quad Testing Kit with 1 x USB fibre inspection video probe, launch lead set, test reference cord set, and OneClick Cleaners set
OFF-100-SI-INTL	OptiFiber Pro Singlemode OTDR for troubleshooting and extended certification, includes FI-1000-KIT and accessories
OFF-100-Q-INTL	OptiFiber Pro Quad OTDR for troubleshooting and extended certification
OFF-100-QI-INTL	OptiFiber Pro Quad OTDR for troubleshooting and extended certification, includes FI-1000-KIT and accessories

PLEASE CALL SALES
FOR FURTHER INFORMATION AND PRICING



Fluke Networks FI-7000 FiberInspector™ Pro FLUKE networks. VERSIV™

End-face contamination is a leading cause of fibre failures. Dirt and contaminants cause insertion loss and back-reflection that inhibits optical transmission and causes havoc with transceivers. Fibre loss and OTDR testing can expose this problem, but in many cases, dirty connections make fibre testing time consuming and inaccurate.

Since dirt can be an issue before, during, or after fibre optic certification testing, and migrate from one end-face to another upon mating, both sides of any connection must always be cleaned and inspected. Further, mating contaminated connectors can cause permanent damage as microscopic debris is crushed between end-faces in physical contact. Even factory terminated patch cords or pigtailed must be inspected as protective caps do not keep fibre optic connector end-faces clean. Avoiding this common cause of failure, starts with inspecting the fibre optic connector end-face and eliminating any contamination before insertion into a bulkhead or piece of equipment.

The FI-7000 FiberInspector Pro is a fibre optic inspection scope that allows you to inspect and certify end-faces in 2 seconds so you can get the job done the first time. This fibre optic inspection scope provides automated PASS/FAIL certification taking the guess work out of fibre inspection so anyone can be a fibre expert.



FIBRE OPTIC PRODUCTS



Automated Pass/Fail certification of fibre optic connector end-faces

Graphical indication of problem areas due to contamination, pits, chips, and scratches

Certify to industry standards IEC 61300-3-35

Eliminate human subjectivity from end-face measurements

MODEL	DESCRIPTION
FI-7000-INTL	FiberInspector Pro
FI-7000-MPO-INTL	FiberInspector Pro w/MPO and cleaning
FI-1000-KIT	FI-1000 USB Fiber Inspection Video Probe with selective bulkhead and video probe tips
FI-1000	FI-1000 USB Fiber Inspection Video Probe for Versiv platform

PLEASE CALL SALES
FOR FURTHER
INFORMATION
AND PRICING





Buy Gold. Make your investment count

Protect Your Investment and Minimise Business Downtime with Gold Membership

Gold Membership is much more than just a repair warranty. It is a comprehensive maintenance and support program that offers expanded coverage for Fluke Networks' products and accessories. It provides a premium level of support to minimize business downtime and ensure a high return on your investment.

3-Year Gold Membership provides a 10% discount off current Gold pricing along with 3-year price protection. On average customers can save up to 19% over 3-years by taking advantage of the 3-year Gold Membership option. Gold Membership is available for most Fluke Networks products in 1-year or 3-year (save 10% with 3-year) contracts.



FIBRE OPTIC PRODUCTS

What's Included with Gold Membership?

Benefits	Gold Member	Non-Gold Member
Live Technical Support with exclusive phone numbers	✓	
FREE Repair with "first on bench" turnaround service	✓	
Loaner Equipment Service*	✓	
FREE Accessory Replacements**	✓	
FREE Annual Calibration	✓	
Member Only Promotions	✓	
Access to Technical Support	Web, Email and Phone	Web and Email
Response time from Technical Support	<2 Hours	<24 Hours
Customer Support—Phone and Email	24x7x365	7am-5pm
Primary Case Handling	Technical Support Engineer	Customer Service Agent





One-Stop Fibre Shopping

VeEX® offers a comprehensive range of Test and Measurement products for fibre-based networks. VeEX's solutions address FTTx, GPON, DWDM, CWDM and Legacy networks and are optimised for the challenging outside plant environment. The fast growing product range complements VeEX Transmission, CaTV and Ethernet testing solutions.

FX300

Multi-Functional Fibre Test Platform OTDR, OPM, Light Source and VFL



FX40/FX45

Optical Power Meter, Light Source and Loss Test Set



OPX-BOX+

Compact Mini OTDR



RXT OTDR Module

CWDM and DWDM Testing



MTTplus OTDR

Handheld Mini OTDR



DI-1000

Digital Fibre Inspection Microscope



FX150

Handheld Mini OTDR



FX10

Pen Style Visual Fault Locator



Ethernet

FTTx

CWDM

Sweep

GPON

RFoG

SHOPPING LIST

R 3.1andOFDM

R FTTx

R GPON

R ETHERNET

R CWDM/DWDM

R SWEEP

R IPTV

R RFoG

3.1/OFDM

IPTV

Ring sales for ordering guide or visit: millsltd.com



VeEX® Optical Tools/Fibre Inspection

FX40 Series Power Meter and Light Sources



- Singlemode and Multimode testing
- PON, Telecom, CATV, LAN/WAN and Mobile applications
- Dual wavelength laser source and power meter
- OPM, OLS, ORL, OLTS configurations
- High accuracy and wide dynamic range
- Save OPM test results
- Transfer stored results to a PC for report generation, printing and Cloud upload
- Reference power level setup and recall
- Frequency detection for fibre identification
- Wave ID automatically detects incoming wavelength from compatible VeEX light source
- ORL testing with calibrated power meter coupled internally to fibre on light source port

FIBRE OPTIC PRODUCTS

DI-I000 Digital Fibre Inspection Scope with USB

The VeEX DI-1000 digital video fibre scope is a portable fibre optic connector inspection tool used to monitor the cleanliness of the connector's surface. It is easily configured for inspecting patchcords or panel adapters fitted with standard or angled polished connectors. When equipped with optional WiFi dongle and free companion application software for a smartphone or tablet, users can automatically analyse connectors according to IEC 61300-3-35 or user defined standards. This includes the ability to view, save, recall and share results via email or other mobile applications.

- Easy operation and quick dial focus adjustment
- IEC 61300-3-35 and user-defined pass/fail limits
- Automatic analysis of fibre connector endface
- Interchangeable tips for male and female, standard or angled connectors
- Compatible with iPhone/iPad iOS7 and Android 2.3 versions and later
- Free Smartphone/Tablet App downloadable from VeEX website



The displayed tablet and laptop devices are for usage examples only and not included.

Ring sales for ordering guide or visit: millsltd.com

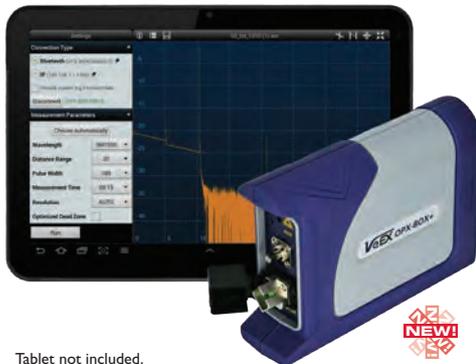


VeEX® Optical Tools/Fibre Inspection

FIBRE OPTIC PRODUCTS

OPX-BOX+ Compact Mini OTDR

The OPX-BOX+ is an ultra-compact, OTDR designed to operate remotely using Fiberizer software. The unit can be controlled via USB, WiFi or Bluetooth by Windows, Linux or Android devices. Apple iOS devices supported via WiFi only.



Tablet not included.



- Bluetooth, WiFi or USB control depending on host device
- Up to 3 wavelengths including Live port (1625 nm, 1650 nm)
- Up to 41 dB Dynamic Range 1/5m Dead Zones
- Optional Light Source (via OTDR port)
- Optional Visual Fault Locator (VFL)
- Multimode and Singlemode wavelength test options - 850, 1300, 1310, 1490, 1550, 1625 and 1650 nm
- Fiberizer Application software available for Windows, Android and Apple iOS operating systems and devices
- Can be operated from Fiberizer Desktop systems



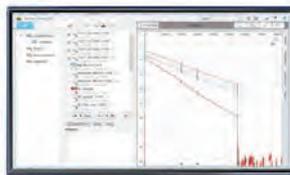
Fiberizer Desktop and Cloud

Fiberizer Desktop is a standalone PC software application to analyse OTDR traces. Edit traces manually, create event tables, generate reports using built-in templates, and more.

Fiberizer Cloud is a centralised web-based fibre test data management system which forms part of the VeEX VeSion Eco-System. OTDR traces, Loss Test Results and Fibrescope images can be analysed, archived and used for advanced reporting purposes. You can work from virtually anywhere, at any time because Fiberizer Cloud is a full online web service.



Fiberizer Mobile



Fiberizer Cloud



Ring sales for ordering guide or visit: millsltd.com



VeEX® Optical Tools/Fibre Inspection

FX150 OTDR Mini OTDR for FTTx and Metro Fibre Networks

The FX150 is designed for the installation, maintenance and troubleshooting of FTTx, Mobile Front-Haul/Back-Haul and Metro fibre networks. The compact, lightweight OTDR incorporates power meter, light source, fibre inspection probe and VFL test options.

- Robust, handheld design for demanding field testing
- High resolution, 5" TFT color touch-screen suitable for both indoor and outdoor use
- Fast boot-up and measurement critical for fibre troubleshooting and restoration
- Intuitive display, simple function keys and touch-screen for fast navigation and easy operation

- Internal data storage with expandable SD card
- Micro-USB OTG interface for flash drives, fibre inspection probe connection and test data transfer
- Rechargeable Lithium Polymer battery with capacity indicator, low voltage alarm and Auto-off function
- Continuous operation of > 9 hours without having to recharge batteries
- Built-in WiFi option to perform software upgrades and for uploading test data via wireless Internet connection
- Built-in Bluetooth option for pairing applications with smartphones and tablets



VeEX
The Verification Experts

FIBRE OPTIC PRODUCTS

MTTplus Compact Modular Test Platform and Modules

The MTTplus platform is a cost-effective modular test toolkit for today's wide range of technologies. The MTTplus-410 Optics test module supports OTDR, OPM, Light Source and VFL.

- Easy operation and quick dial focus adjustment
- IEC 61300-3-35 and user-defined pass/fail limits
- Automatic analysis of fibre connector endface
- Interchangeable tips for male and female, standard or angled connectors
- Compatible with iPhone/iPad iOS7 and Android 2.3 versions and later
- Free Smartphone/Tablet App downloadable from VeEX website

Optical Time Domain Reflectometer (OTDR)

- Multimode - 850 & 1300 nm
- Singlemode - 1310, 1490, 1550, 1625 & 1650 nm
- Filtered 1625 or 1650 nm port for in-service PON measurements
- Live fibre detection to avoid service disruption of active subscribers
- Dynamic range up to 45 dB
- Event dead zone < 1m, Attenuation dead zone < 5m
- V-Scout link mapping (multiple wavelengths, pulse widths)
- Fixed or Universal connectors with UPC or APC

Optical Power Meter (OPM)

- Optional OPM for LAN, Telco, FTTx and CATV networks
- Multiple calibrated wavelengths
- 1 mm InGaAs detector for standard and high power levels
- Absolute (dBm, Watts) and Relative (dB) measurements
- Optional PONT Wavelength-selective power meter for GPON
- WaveID detection of incoming wavelength from compatible VeEX light source
- Industry standard optical adaptors available

Optical Light Source (OLS)

- Optional OLS function based on OTDR laser fitted
- Stabilised output for insertion loss testing
- WaveID supports testing of three wavelengths
- CW or modulation modes for use with fibre identifiers
- Auto Off feature to conserve battery power

Visual Fault Locator (VFL)

- Visible laser for localised fault finding
- CW and 1 Hz operating modes



VeEX
The Verification Experts

Ring sales for ordering guide or visit: millsltd.com

VeEX® Optical Tools/Fibre Inspection

V-Scout Optical Link Mapping

V-Scout is a software option for all VeEX OTDRs and Fiberizer Mobile Apps. The application automates the OTDR test functions and eliminates trace interpretation so even unskilled fibre technicians can become test experts quickly.

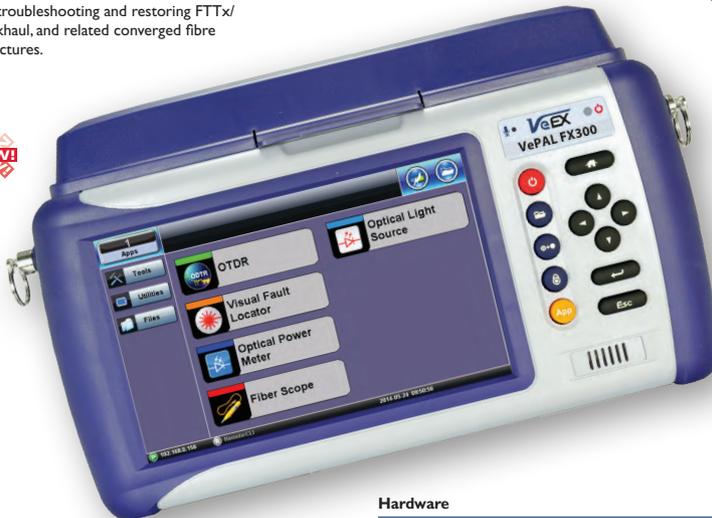
How does it work?

Multi-pulse width, multi-wavelength acquisitions are used to characterise the fibre under test. Advanced algorithms process the acquired data and display the optical events using intuitive symbols.



FX300 Multi-Functional Test Platform for Optical Fibre Networks

The VePAL FX300 is a full featured OTDR for technicians installing, testing, troubleshooting and restoring FTTx/ PON, mobile backhaul, and related converged fibre network infrastructures.



Software

- Flexible software architecture supports multiple applications
- ReVeal™ PC software to maintain instrument firmware, manage test configurations, process measurement results and generate test reports
- Fiberizer Desktop PC software for fibre trace analysis
- Fiberizer Cloud-based trace analysis and data management
- R-server support for centralized work force management and test results repository

Hardware

- Multimode - 850 & 1300 nm
- Singlemode - 1310, 1490, 1550, 1625 & 1650 nm
- Filtered 1625 or 1650 nm port for in-service measurements
- High resolution, 7" full color TFT touch-screen viewable in any lighting condition
- Connectivity via 10/100Base-T Management interface, WiFi™, Bluetooth®, or 3G Card for back office applications
- Interchangeable Li-ion battery pack for extended test time
- USB-A interface for USB flash drives and fibre inspection probe connection
- Optional Universal 2.5 mm optical interfaces with inter-changeable optical adaptors (SC/FC/ST/LC)

Ring sales for ordering guide or visit: millsltd.com



NOYES CKM-2 CONTRACTOR SERIES MULTIMODE TEST KIT WITH SET REFERENCE

The CKM-2 is a cost-effective test kit designed for performing insertion loss measurements on multimode fibre optic links.



The CSSI-MM Dual light source features 850nm and 1300 LED output from a single output port and offers 2 modes of operation.

The CSM1-2 optical power meter operates at 850/1300/1310/1550nm and features multiple test tone detection for fibre identification. One adaptor cap 2.5mm Universal, is included with others available as accessories.



RING SALES FOR SPECIAL PRICES
OR VISIT millsltd.com

PART NO.	DESCRIPTION
C00-1347	NOYES CKM-2 MULTIMODE KIT

NOYES CKSM-2 CONTRACTOR SERIES MULTIMODE & SINGLE MODE TEST KIT WITH SET REFERENCE

The CKSM-2 is a cost-effective test kit designed for performing insertion loss measurements on multimode as well as singlemode fibre optic links.



The CSSI-MM and CSSI-SM sources feature Dual output, 850/1300nm LED or 1310/1550 nm LASER respectively, from a single output port.

The CSM1-2 optical power meter operates at 850/1300/1310 nm and features multiple test. One adaptor cap, 2.5mm Universal, is included with others available as accessories.



RING SALES FOR SPECIAL PRICES
OR VISIT millsltd.com

PART NO.	DESCRIPTION
C00-1348	NOYES CKSM-2 MULTI & SINGLE TEST KIT

NOYES SLP5-5 SINGLE & MULTIMODE TEST KIT WITH WAVE ID, SET REFERENCE AND DATA STORAGE

The OPM5-2D optical power meter and OLS4 integrated LED and LASER light source is ideally suited for testing fibre optic networks with hybrid (singlemode and multimode) cables.

The OLS4 features 850/1300 nm LED from a multimode output port and 1310/1550nm LASER output from a singlemode output port.

The OPM5-2D features automatic wavelength identification and stores optical references for each calibrated wavelength and up to 500 records per wavelength of power or insertion loss measurements. Using the supplied WWindows® compatible software and USB connection. Test records are transferred to a PC for analysis, printing and storage.



RING SALES FOR SPECIAL PRICES
OR VISIT millsltd.com

PART NO.	DESCRIPTION
C00-1349	NOYES SLP5-5 MULTI & SINGLE TEST KIT



NOYES

Test & Inspection



AFL

Mills can supply you with the full range of Noyes Test & Inspection Equipment

Call Sales for details

NOYES M210 MULTIFUNCTION MICRO QUAD OTDR

The NOYES M210 is the only inspection ready QUAD OTDR that combines OTDR, OPM and VFI capability with a proven, easy-to-use and easy-to-learn user interface.

OTDR traces (sor format), OPM measurement results and fibre end-face images (when used with DFS1) can be saved together in a job. These results can be downloaded to a computer for analysing and editing using the included companion, NOYES Test Results Manager application software.

- 30 dB dynamic range singlemode
- 26 dB dynamic range multimode
- Built in Optical Power Meter & Visual Fault Locator (VFL)
- 16-hour battery life
- Remote display capable
- Touch and Test intuitive user interface
- New faster processor
- Crisp bright display for indoor/outdoor viewing
- Inspection capable with DFS1 Digital FibreScope (not included)
- Rugged, hand-held, lightweight (<1 kg)



RING SALES FOR SPECIAL PRICES
OR VISIT millsltd.com

PART NO.	DESCRIPTION
C00-3991	M210 MULTIFUNCTION MICRO QUAD OTDR

NOYES OFL 280 HANDHELD OTDR

The Noyes OFL280 FlexTester is singlemode 1310/1550nm OTDR with PON-optimized and standard test modes, optical power meter, 1310/1550 nm laser source, and visual fault locator.

Testing at 1310 and 1550 nm is normally sufficient to certify point-to-point or FTTx PON fibres and allows the detection of macro bends providing the best balance of functionality and value.

- Rugged, handheld and light weight
- Standard OTDR, PON OTDR, live fibre OTDR, and FTTx PON meter all from the same test port
- 0.8 m event dead zone, 3.5 m attenuation dead zone
- 34 dB dynamic range
- Fast Real Time OTDR mode



RING SALES FOR SPECIAL PRICES
OR VISIT millsltd.com

PART NO.	DESCRIPTION
C00-3990	NOYES OFL 280 1310/1550 OTDR

FIBRE OPTIC PRODUCTS

GREENLEE I80XL VISUAL FAULT LOCATOR KIT

- Quickly and easily locate high losses and faults in fibre optic cables up to 7km in length
- Versatility through pulsed and CW modes of operation
- Multimode & Singlemode
- Gives up to 80 hours of operation from 2 x AA battery (included)
- Class 2 laser for safe operation, 1mW output power
- 2.5mm Universal connector



NEW!



PART NO.	DESCRIPTION
C00-5924	GREENLEE I80XL VFL KIT
C00-7827	1.25MM ADAPTOR FOR LC & MU

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsstd.com

GREENLEE FI-100 FIBRE IDENTIFIER KIT

A fast, simple & rugged fibre identification kit which includes: FI-100 Fibre Identifier, 250µm Adapter, 900µm Adapter, 2mm Adapter, 3mm Adapter, Soft Carry Case, Sun Shade and 2 x AA batteries.

NEW!

- Non-intrusive low insertion loss prevents alarm conditions
- Identifies fibre with tone detect and a clear indication of signal transmission direction
- Supports all common fibres including 250µm, 900µm, 2mm, and 3mm and is able to sense light in bend insensitive fibres
- Gives up to 80 hours of operation from 2 x AA battery (included)
- Class 2 laser for safe operation, 1mW output power
- 2.5mm Universal connector



PART NO.	DESCRIPTION
C00-5892	GREENLEE FI-100 FIBRE IDENTIFIER KIT

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsstd.com

GREENLEE MINI FIBRE TOOL OPTICAL LOSS TEST SETS

The Greenlee Mini Fibre Tool Optical Loss Test Sets offer a rugged, durable and compact design with a high level of precision, measuring optical powers down to -60dBm. They offer convenient downloadable measurements for easy reporting.

NEW!

A) GMFT-SM Kit includes

- 1 x GDLS 355 1310/1550 Dual Laser Light Source
- 1 x GRP 460-02 Optical Power Meter
- 1 x Soft Carry Case

A



B) GMFT-MM Kit includes

- 1 x GDLS 350 850/1300 Dual LED Light Source
- 1 x GRP 460-02 Optical Power Meter
- 1 x Soft Carry Case

B



C) GMFT-SM-MM Kit includes

- 1 x GDLS 355 1310/1550 Dual Laser
- 1 x GDLS 350 850/1300 Dual LED
- 1 x GRP 460-02 Optical Power Meter
- 1 x Soft Carry Case

C



PART NO.	DESCRIPTION
C00-6636	A) MINI FIBRE TOOL SINGLEMODE TEST SET
C00-6635	B) MINI FIBRE TOOL MULTIMODE TEST SET
C00-6637	C) MINI FIBRE TOOL MULTIMODE AND SINGLEMODE TEST SET

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsstd.com

GREENLEE 930XC OTRD

The Greenlee 930XC OTRD is an all in one OTRD 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



NEW!

Available in Multimode Dual, Singlemode Dual and Singlemode Triple wavelengths with a variety of connector options. Please see datasheet online to identify the particular version you require and call sales for a quote.

PART NO.	DESCRIPTION
930XC	GREENLEE 930XC OTRD

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsstd.com

GREENLEE 910FS FUSION SPLICER KIT

The Greenlee Communications 910FS Optical Fusion Splicer is designed to meet virtually any FTTx application. Ideal for both indoor and outdoor splicing applications, the 910FS allows technicians to diagnose, splice, and solve a variety of fibre optic problems with ease.

It features Core Alignment to minimize splice losses and rework time. Pre-terminated splice-on connectors reduce prep time and yield lower connection losses.

With dual cameras, 240X magnification, and a large 5.7" color LCD, technicians can analyse cleaved fibre optic cable faster than ever.

Up to 5,000 splice records can be stored, and the long-life, quick recharge battery keeps on working even in remote locations.

Available as a kit with or without cleaver.

Please contact sales for a quote.

NEW!



PART NO.	DESCRIPTION
910FS	GREENLEE 910FS FUSION SPLICER KIT

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsstd.com



Voice Products



Voice Cable

Jumper Cable

Dropwire

Disconnection
Modules & Strips

High Density Voice Panels

Telecom Connection Boxes

Voice Modules

Junction Boxes

Line Jack Units

Line Adaptors

Telephone & Modem Adaptors

RJ11 & Telephone Plugs

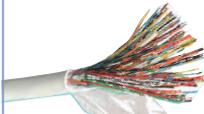
Jelly Crimps

Telephone & Modem
Extension Leads

External Telecoms &
Broadband Street Cabinets

CW1 308 VOICE CABLE

Available white and black. Different lengths available upon request.



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

W05-0339	2 PAIR 100M WHITE
W05-7005	2 PAIR 200M WHITE
W05-0340	3 PAIR 100M WHITE
W05-7035	3 PAIR 200M WHITE
W05-7000	3 PAIR 200M BLACK
W05-0342	4 PAIR 100M WHITE
W05-0343	4 PAIR 100M BLACK
W05-7024	4 PAIR 200M WHITE
W05-7001	4 PAIR 200M BLACK
W05-7025	6 PAIR 200M WHITE
W05-7002	6 PAIR 200M BLACK
W05-0344	10 PAIR 100M WHITE
W05-0345	20 PAIR 100M WHITE
W05-0346	25 PAIR 100M WHITE
W05-7026	10 PAIR+EARTH 100M WHITE
W05-7003	10 PAIR+EARTH 100M BLACK
W05-7027	20 PAIR+EARTH 100M WHITE
W05-7976	20 PAIR+EARTH 100M BLACK
W05-8150	25 PAIR+EARTH 100M WHITE
W05-8151	30 PAIR+EARTH 100M WHITE
W05-8152	32 PAIR 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

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsd.com

CW1 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

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsd.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	12.50

CW1 128 EXTERNAL VOICE CABLE

These cables conform to the appropriate BT specifications CW1128. 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.



Cable clip guide for CW1128 - See page 386
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

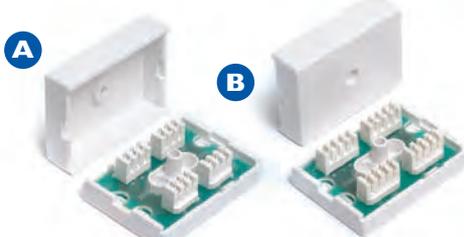
W05-8333	5 PAIR EXTERNAL 100M BLACK
W05-8334	10 PAIR EXTERNAL 100M BLACK
W05-8335	20 PAIR EXTERNAL 100M BLACK

RING SALES FOR
SPECIAL PRICES
OR VISIT
www.millsd.com

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



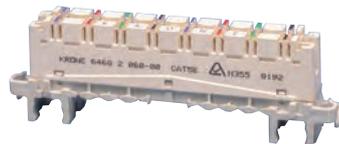
Fusion
ALTOGETHER BETTER

PART NO. DESCRIPTION

PART NO.	DESCRIPTION	PRICE
T70-2208	(A) CONNECTION BOX 77A	0.92
T70-2214	(B) CONNECTION BOX 78A	0.95

COMMSCOPE (KRONE) HI BAND® STRIP

High performance cross connection system enabling users to both jumper and patch on the same module. Very easy to install and maintain. Terminates 2 x 4 pair cable or 4 x 4 pair Cat 5e UTP cable.

**PART NO. DESCRIPTION**

PART NO.	DESCRIPTION	PRICE
T70-0467	HI BAND® 8 PAIR MOD W JUMPER RINGS	6.49

FUSION 10 PAIR DISCONNECTION MODULE



PART NO.	DESCRIPTION	PRICE
T70-2203	A) 10 PAIR STRIP	1.49
T70-2207	B) DESIGN STRIP	0.63

STRIP DESIGNATION 53A

A box type label holder for use with Strip Connection 237A. Supplied as a complete unit with label and label holder.



PART NO.	DESCRIPTION	PRICE
T70-0355	STRIP 53A	0.97

PROTECTOR MOUNTING 5B

10 pair magazine for use with Strip Connection 237A. Accepts up to 10 3 pole gas discharge tubes 21A (Protector 21A).



PART NO.	DESCRIPTION	PRICE
T70-0356	PROTECTOR 5B	2.34

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.



PART NO.	DESCRIPTION	PRICE
T70-0357	PROTECTOR 21A	1.08

PROTECTOR LCUIPA AND EARTHING BAR



PART NO.	DESCRIPTION	PRICE
T70-0358	A) PROTECTOR LCUIPA	11.31
T70-0530	B) EARTHING BAR	2.47

PROTECTOR 18C



This is an encapsulated version of the Protector 21A. Supplied with flying leads.

PART NO.	DESCRIPTION	PRICE
T70-0359	PROTECTOR 18C	3.15

WEDGE LOCKING 23A - PKT 100

Provides a temporary disconnection on Strips Connection 237A. Supplied in packets of 100.



PART NO.	DESCRIPTION	PRICE
T70-0360	WEDGE LOCK 23A	11.13

WEDGE LOCKING 24A - PKT 100

Prevents accidental insertion of test plugs into priority circuits on Strips Connection 237A.



PART NO.	DESCRIPTION	PRICE
T70-0361	WEDGE LOCK 24A	8.07

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
T70-0362	WEDGE LOCK 25A	0.19

FUSION TELECOM 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).



PART NO.	DESCRIPTION	PRICE
T70-0035	A) 20 PAIR C/BOX 201 (NO STRIPS SUPPLIED)	7.91
T70-2204	A) 20 PAIR C/BOX 201D (C/W 2 STRIPS)	12.34
T70-2205	B) 50 PAIR C/BOX 251A (NO STRIPS SUPPLIED)	9.51
T70-2206	C) 100 PAIR C/BOX 301A (NO STRIPS SUPPLIED)	12.89
T70-4654	50 PAIR EXTERNAL C/BOX (NO STRIPS SUPPLIED)	19.95
T70-4191	D) 100 PAIR EXTERNAL C/BOX (NO STRIPS SUPPLIED)	24.95

STRIP CONNECTION 237D & 237E



PART NO.	DESCRIPTION	PRICE
T70-0353	76 WAY EARTH STRIP 237D RED	2.64
T70-0354	20 WAY EARTH STRIP 237E RED	3.00

FUSION 500 SERIES METAL CONNECTION BOXES

A range of lightweight steel connection boxes for use with 10 pair terminal strips. These boxes are available in 340, 680 and 1020 pair sizes. Requires disconnection strips (T70-2203)

510 (340 pair) Box Connection 1000 x 300 x 130mm

520 (680 pair) Box Connection 1000 x 500 x 130mm

530 (1020 pair) Box Connection 1000 x 750 x 130mm



PART NO.	DESCRIPTION	PRICE
T70-2603	340 PAIR BOX CONNECTION 510	142.19
T70-2604	680 PAIR BOX CONNECTION 520	145.75
T70-2605	1020 PAIR BOX CONNECTION 530	182.50

VOICE PRODUCTS

FUSION VERTICAL DISTRIBUTION FRAME

A single or double vertical distribution frame that requires no assembly and can be transported and installed by one person.

It has been designed and manufactured to accept up to 70 or 140 10 pair disconnection modules or other industry standard IDC strip connectors.

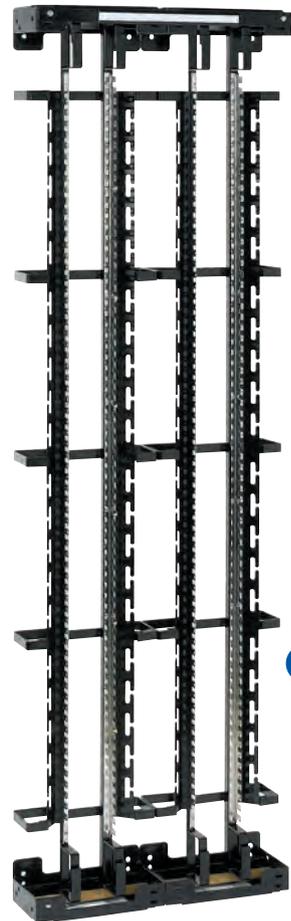
- The four way earth bar can be top or bottom mounted
- High density cable management bars ensure the tidy dressing and routing of cable
- Adjustable feet provide additional support when installing on an uneven floor or against a wall
- Manufactured in mild steel with a LSZH black finish

A) Dimensions 1850 x 279 x 150mm Weight 15kg

- Up to 700 connections can be made on a single vertical frame

B) Dimensions 2000 x 360 x 150mm Weight 30kg

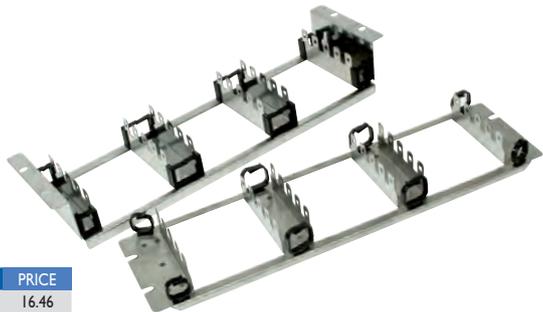
- Up to 1400 connections can be made on a double vertical frame



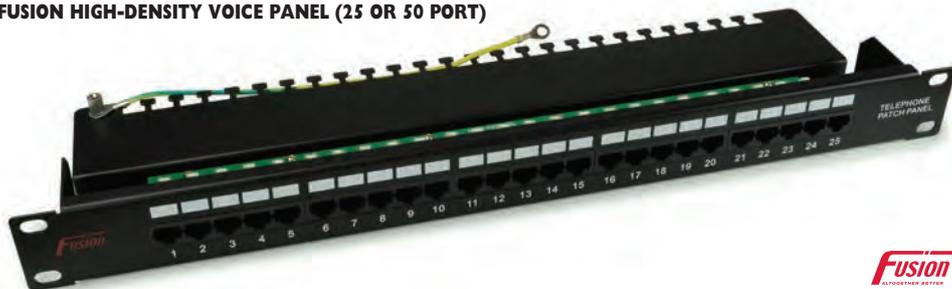
PART NO.	DESCRIPTION	PRICE
T70-0349	A) SINGLE VERT DISTRIB FRAME	173.20
T70-0351	B) DOUBLE VERT DISTRIB FRAME	204.75

FUSION SUB-RACK

Designed to fit any standard 19" cabinet or rack, this 3U sub-rack comes as either recessed or flat. Horizontal and vertical versions are also available. Compatible with Fusion disconnection modules.



PART NO.	DESCRIPTION	PRICE
T70-0007	3U 150 PAIR RECESSED FRAME	16.46
T70-0008	3U 150 PAIR FLAT FRAME	15.44

FUSION HIGH-DENSITY VOICE PANEL (25 OR 50 PORT)

- Wire Termination KRONET™ 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	21.21
T77-2183	50 PORT HIGH-DENSITY VOICE PANEL	42.94

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	1.76
T70-0052	VOICE FULL MASTER	1.81
T70-0054	VOICE SECONDARY	1.26

NTE 5A BOXES

C) 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.

PART NO.	DESCRIPTION	PRICE
T70-4997	A) NTE 5A	3.35
T70-4161	B) NTE 5A ADSL CENTRALISED FILTER 6 WAY	12.25
T70-5486	C) NTE VDSL FILTER PLATE	8.95

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	1.72
T70-2195	NO. 2 PABX LINE JACK 2/2A	1.59
T70-2196	NO. 2 SECONDARY LINE JACK 2/3A	1.05
T70-2197	NO. 3 PSTN LINE JACK 3/1A	2.27
T70-2198	NO. 3 PABX LINE JACK 3/2A	1.31
T70-2199	NO. 3 SECONDARY LINE JACK 3/3A	1.15
T70-2200	NO. 4 PSTN LINE JACK 4/1A	3.52
T70-2201	NO. 4 PABX LINE JACK 4/2A	2.37
T70-2202	NO. 4 SECONDARY LINE JACK 4/3A	2.16
T70-2529	NO. 4 ADSL LINE JACK	3.05

FUSION BACK BOXES

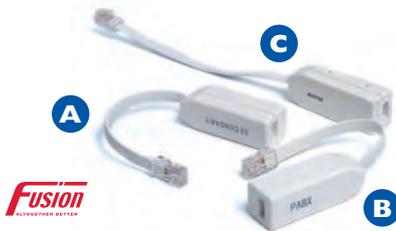
A wide range of depths available, Supplied in ABS with white finish in 'easy tear' poly bags. Range includes single and double gang options with knock-outs for trunking.



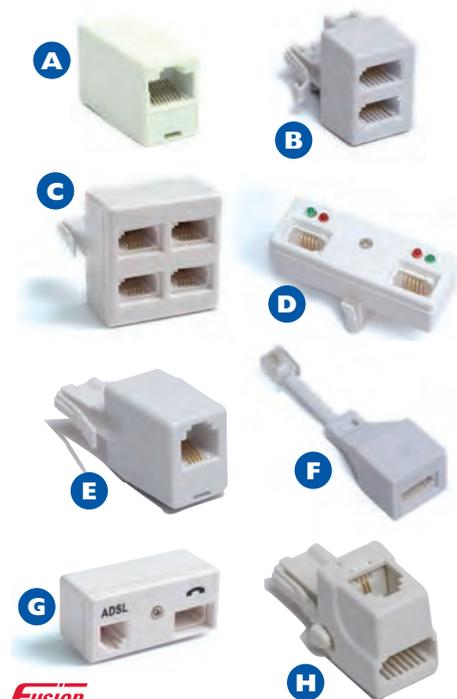
PART NO.	DESCRIPTION	PRICE
T70-0009	1 GANG 22MM BACK BOX	0.67
T70-2165	1 GANG 32MM BACK BOX	0.65
T70-2166	2 GANG 32MM BACK BOX	1.02
T70-2167	1 GANG 42MM BACK BOX	1.28
T70-2168	2 GANG 42MM BACK BOX	1.68

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	0.92
T70-2211	(B) PABX TAILED MASTER LAU	1.19
T70-2212	(C) PSTN MASTER TAILED LAU	1.29

FUSION TELEPHONE AND MODEM ADAPTORS

PART NO.	DESCRIPTION	PRICE
T70-2518	(A) RJ45 ADAPTOR CAT 5E	1.77
T70-2610	(B) BT DOUBLER	0.95
T70-2527	(C) BT QUADRUPLER	3.08
T70-2611	(D) PRIORITY ADAPTOR	3.11
T70-2509	(E) RJ11 FEMALE TO BT MALE	0.42
T70-2519	(F) BT FEMALE TO RJ11 MALE	0.77
T70-2531	(G) ADSL ANTI SURGE FILTER	1.92
T70-2528	(H) BT MALE TO BT/RJ11 FEMALE	0.70

MILLS DATA INSTALLER HOLSTER KIT

Ensure the crucial tools for a data installation are by your side with the Mills Data Installer Holster Kit. The form-fitted, belt-clipped tool holster secures the tools inside, even when you bend over or lay down. An unloaded, empty tool holster is also available:



**EMPTY
HOLSTER
AVAILABLE
NOW**

Loaded Holster.
Back view.



B
**Empty
Holster.**
Front view.

A) Includes:

- Kevlar scissors for cutting data cables
- Sharpie Pen For Labelling.
- 75mm x 5mm Slotted Screwdriver for fixing faceplates
- LED torch
- Krone style Insertion Tool
- Cyclops data cable stripper
- Tool holster



PART NO.	DESCRIPTION	PRICE
A10-4805	A) DATA INSTALLER HOLSTER KIT	59.95
B29-4804	B) EMPTY HOLSTER	19.95

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	0.81
T70-2513	FUSION CAT 5E RJ45 MODULAR PLUG PKT 100	6.53
T70-0061	FUSION CAT 6 RJ45 MODULAR PLUG PKT 10	1.37
T70-0062	FUSION CAT 6 RJ45 MODULAR PLUG PKT 100	8.70

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)	1.67

TELEPHONE EXTENSION LEADS

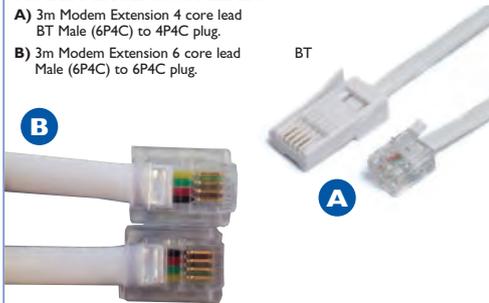
White extension leads for extending phone, fax or modem lines.



PART NO.	DESCRIPTION	PRICE
T70-2510	3M TELEPHONE EXT LEAD 4 WAY	0.58
T70-2511	5M TELEPHONE EXT LEAD 4 WAY	0.70
T70-2512	10M TELEPHONE EXT LEAD 4 WAY	1.12
T70-2329	5M TELEPHONE EXT LEAD 6 WAY	2.05

MODEM EXTENSION LEADS

- A) 3m Modem Extension 4 core lead
BT Male (6P4C) to 4P4C plug.
- B) 3m Modem Extension 6 core lead
Male (6P4C) to 6P4C plug.



PART NO.	DESCRIPTION	PRICE
T70-2522	A) BT MALE (6P4C) TO RJ11 MALE (4P4C) 3 METRE	1.26
T70-2523	B) RJ11 MALE (6P4C) TO RJ11 MALE (6P4C) 3 METRE	0.70

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	0.65
T70-0367	6 POSITION 6 CONTACT MODULAR PLUG PKT 10	0.65

SCOTCHLOK™ STYLE (JELLY FILLED) PKT 500



PART NO.	DESCRIPTION	PRICE
S00-3544	JELLY CONNECTORS (PKT 500)	16.46

MILLS PLIERS CRIMPER 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
E65-6632	SCOTCHLOK™ CRIMP TOOL	6.95

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	18.00

VOICE PRODUCTS



OUTSIDE PLANT TELECOMS & BROADBAND CABINETS & ENCLOSURES

COPPER NETWORKS

- Twisted-pair copper cable and coax cable termination
- Equipped with cable heads or prepared for amplifier units



FIBRE NETWORKS

- Used for FTTH (e. g. GPON)
- For SpeedPipe, FibreBlow and classic fibre technologies



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

Active Equipment



Unmanaged Switches

Managed Switches

Power Over Ethernet Switches

Power Over Ethernet Injectors

Power Over Ethernet Splitters

Power Over Ethernet Plus Switches

Power Over Ethernet Plus Injectors

Power Over Ethernet Plus Splitters

Power Over Ethernet Extenders

Wireless Access Points

Wireless Range Extenders

Ethernet Switches

Media Converters

NETGEAR PROSAFE™ UNMANAGED 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**B** GS208**C** GS308**NETGEAR™**

PART NO.	DESCRIPTION	RING SALES FOR SPECIAL PRICES OR VISIT millsld.com
C04-4722	A) 5 PORT GIGABIT DESKTOP SWITCH	
C04-4723	B) 8 PORT GIGABIT DESKTOP SWITCH	
C04-4724	C) 8 PORT GIGABIT DESKTOP SWITCH	

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**B** JGS516PE

PART NO.	DESCRIPTION	RING SALES FOR SPECIAL PRICES OR VISIT millsld.com
C04-4725	A) 5 PORT GIGABIT (2 X POE) DESKTOP SWITCH	
C04-4726	B) 16 PORT GIGABIT (8 X POE) RACK SWITCH	

NETGEAR PROSAFE™ SMART MANAGED SWITCHES

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.

- Easy-to-use web-based management
- SNMP protocol, v1
- Traffic prioritisation (IEEE 802.1p standard)
- Port trunking
- DHCP client
- Up to 64 static VLAN groups (IEEE 802.1q standard)
- Spanning Tree (IEEE 802.1d standard)

A FS526T**B** FS750T2**NETGEAR™**

PART NO.	DESCRIPTION	RING SALES FOR SPECIAL PRICES OR VISIT millsld.com
C04-8915	A) 24 PORT 10/100+2 GIGABIT SWITCH	
C04-8916	B) 48 PORT 10/100+2 GIGABIT SWITCH	

NETGEAR PROSAFE™ UNMANAGED GIGABIT SWITCHES

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

A GS105

GS108

B

GS116

C**D** JGS5516**E** JGS524

PART NO.	DESCRIPTION	RING SALES FOR SPECIAL PRICES OR VISIT millsld.com
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	

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
millsltd.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
millsltd.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
millsltd.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
millsltd.com

PLANET MANAGED 8 PORT GIGABIT ETHERNET + 2 PORT 100X 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
millsltd.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
millsltd.com

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)



Datasheet available online

RING SALES FOR **SPECIAL PRICES** OR VISIT millsstd.com

PART NO.	DESCRIPTION
C04-1257	10/100BASETX TO 100BASEFX ST
C04-1258	10/100BASETX TO 100BASEFX SC

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.



Datasheet available online

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 millsstd.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



Datasheet available online

RING SALES FOR **SPECIAL PRICES** OR VISIT millsstd.com

PART NO.	DESCRIPTION
C04-1267	MEDIA CONVERTER CHASSIS 7 SLOT
C04-1268	MEDIA CONVERTER CHASSIS 15 SLOT

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.



Datasheet available online

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 millsstd.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.

- The POE-151 injects 48V into the ethernet cable. Max distance between the injector and splitter is 100m with a 100Mbps data rate.
- The POE-152 injects 48V into the ethernet cable. Max distance between the injector and splitter is 100m with a 1000Mbps data rate.
- The POE-152S is a 1000Mbps Power over Ethernet splitter ideal for quick PoE environment deployment. The POE-152S can split the 48V DC over the Ethernet cable into 5V/12V DC power output.



Datasheet available online

RING SALES FOR **SPECIAL PRICES** OR VISIT millsstd.com

PART NO.	DESCRIPTION
C04-1270	A) POE-151 POE INJECTOR (MID-SPAN)
C04-4781	B) POE-152 POE INJECTOR (END-SPAN)
C04-4782	C) POE-152S POE SPLITTER

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.



Datasheet available online

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 millsstd.com



ACTIVE EQUIPMENT

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).

A



B) 16-Port 10/100TX 802.3at PoE + 2-Port Gigabit TP/SFP Combo Ethernet Switch with LCD PoE Monitor (300W).

B



C) 24-Port 10/100TX 802.3at PoE + 2-Port Gigabit TP/SFP Combo Ethernet Switch with LCD PoE Monitor (300W).

C



PART NO. DESCRIPTION

- 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

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

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.

Datasheet available online

A



B



C



PART NO. DESCRIPTION

- 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

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

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.

A



B



C



Datasheet available online

PART NO. DESCRIPTION

- C04-1269 A) 802.3AF POE EXTENDER
- C04-4797 B) 802.3AT POE GIGABIT EXTENDER
- C04-4798 C) 802.3AF/AT POE TESTER

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

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.

A



B



C



D



Datasheet available online

PART NO. DESCRIPTION

- 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

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

ACTIVE EQUIPMENT

PLANET WALL PLUG UNIVERSAL WIFI REPEATER/TRAVEL ROUTER



802.11n Wall plug wireless repeater, simply plug into an electrical outlet for 300Mbps high speed wireless network sharing. It offers switch modes including AP Repeater and Client, which help users to immediately set up a wireless network without software configuration.



- 300Mbps wireless transmission rate with MIMO technology
- IEEE 802.11n, 802.11b/g standard compliant to Multiple Point and WDS mode



RING SALES FOR
SPECIAL PRICES
OR VISIT
milstd.com

PART NO.	DESCRIPTION
C04-4787	WALL PLUG UNIVERSAL WIFI REPEATER

PLANET 300MBPS 802.11N WIRELESS RANGE EXTENDER



- Wall or ceiling-mountable design
- Backward compatible with 802.11b/g standard
- Supports IEEE 802.3af standard-based PoE or local AC power
- Advanced security: 64-/128-bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK (TKIP/AES encryption), 802.1x
- Multiple operation modes including AP (Multi-SSIDs), Client, Repeater/Universal Repeater, WDS Point-to-Point (PtP) and WDS Point-to-Multipoint (PtMP)



RING SALES FOR
SPECIAL PRICES
OR VISIT
milstd.com

PART NO.	DESCRIPTION
C04-4788	300MBPS WIRELESS RANGE EXTENDER

PLANET 900MBPS DUAL BAND CEILING MOUNT WIRELESS ACCESS POINT (2 GIGABIT LAN, IEEE802.3AT POE+)



Features 3 high sensitivity dual-band antennas, dual-band 2.4GHz + 5GHz wireless access capability and has the ability to transmit power up to 500mW. The unit features a unique compact design and IEEE 802.3at PoE PD power ability.

- Wall or ceiling-mountable design
- Wireless Modes: Access Point, WDS PtP, WDS PtMP, Repeater, Universal Repeater
- Transmission Distance: Indoor up to 100m
- 2 x 10/100/1000Base-T Ports with 1-port PoE



RING SALES FOR
SPECIAL PRICES
OR VISIT
milstd.com

PART NO.	DESCRIPTION
C04-4789	900MBPS DUAL BAND ACCESS POINT

PLANET 300MBPS 802.11N IN-WALL WIRELESS ACCESS POINT



Specifically designed for hotels, offering guests with convenient Wireless LAN service. Simply fits into a 1 gang backbox and with the support of a PLANET access point controller (not included) you don't need to spend extra time and cost to deploy the wireless network.

- Maximum data rate of 11n 300Mbps via PLANET access point controller
- IEEE 802.3af/at PoE, suitable for in-wall installation.
- Built-in RJ11 port for phone pass-through and 100BASE-TX RJ45 port for Ethernet connection to such device as IPTV or laptop, enabling to integrate a hotel network with its all-in-one interface
- 1 x 10/100BASE-TX port and one PoE powered device (PD) port
- 1 x RJ11 port for phone line connection



RING SALES FOR
SPECIAL PRICES
OR VISIT
milstd.com

PART NO.	DESCRIPTION
C04-4790	300MBPS 802.11N RJ45 & RJ11 FACEPLATE

PLANET 1200MBPS 802.11AC DUAL BAND CEILING-MOUNT WIRELESS ACCESS POINT



Supports IEEE 802.11a/b/g/n/ac dual band standards with 2T2R MIMO technology; therefore, it provides the wireless speed up to 300+867Mbps, which is 16X faster than the 11a access point at 5GHz frequency and 5.5X faster than the 11g access point at 2.4GHz frequency. It is equipped with Gigabit Ethernet Port.

- Complies with IEEE 802.11ac (draft 2.0) and IEEE 802.11a/b/g/n standards
- 1 x 10/100/1000Base-T Port with 1-port PoE (PD, Powered Device)
- IEEE 802.3at Power over Ethernet design
- Features 2.4GHz (802.11b/g/n) and 5GHz (802.11a/n/ac) concurrent dual band for more efficiency of carrying high load traffic



RING SALES FOR
SPECIAL PRICES
OR VISIT
milstd.com

PART NO.	DESCRIPTION
C04-4791	1200MBPS 802.11AC DUAL BAND A.P.

PLANET WIRELESS ACCESS POINT CONTROLLERS WITH POE



Features smart AP control, L2+/L4 IP management and intelligent PoE capability to enable service providers and IT managers to control all wireless APs at the same time in small and medium wireless network environments.

A) Wireless AP Controller with 8 x 10/100/1000BASE-T ports featuring 30-watt 802.3at PoE+, 2 x Gigabit copper ports and 2 x 100/1000BASE-X SFP fibre slots



B) Wireless AP Controller with 24 x 10/100/1000BASE-T ports featuring 30-watt 802.3at PoE+, 4 x shared Gigabit SFP slots and 4 x 10G SFP+ uplink slots.



RING SALES FOR
SPECIAL PRICES
OR VISIT
milstd.com

PART NO.	DESCRIPTION
C04-4492	A) 8 PORT POE ACCESS POINT CONTROLLER
C04-4493	B) 24 PORT POE ACCESS POINT CONTROLLER

Audio Visual & Coaxial



AV Racks & Accessories

AV Patch Panels & Modules

Faceplates

Audio Leads

HDMI Leads

BNC Leads

Coax Cable

BNC & F-Type Connectors

BNC & F-Type Adaptors



A RANGE OF OPEN ACCESS RACKS, SPECIFICALLY DESIGNED FOR THE AV INDUSTRY

These racks are the ideal solution for customised installations, whether in cupboards, under stairs or just free standing. The open design gives all-round access for rigging during installation and maintenance. The racks have a footprint of 50cm width by 60cm depth and are supplied, as standard, with heavy duty 70mm lockable castors.

The racks are supplied flat packed, manufactured from 2.0mm steel to take the weight of heavy AV gear and are supplied, as standard, in black with a choice of heights from 21U (1130mm inc. wheels) to 39U (1930mm inc. wheels). The 4 uprights are pre-punched to accept caged nuts and consequently all standard 19" rack accessories.

A full range of accessories is shown opposite:

- Ideal for customised installation
- Supplied flat packed with easy assembly instructions
- 19" pre-punched upright profiles
- Available 21U (1130mm) to 39U (1930mm)
- Manufactured from 2.0mm steel
- Heavy duty lockable 70mm castors
- Full range of accessories available
- Shelves sold separately- see opposite page



Image for illustration only.

Shelves and other accessories sold separately.

PART NO.	DESCRIPTION	PRICE
X06-8495	21U (1130MM) OPEN RACK C/W CASTORS	178.56
X06-8496	24U (1263MM) OPEN RACK C/W CASTORS	182.72
X06-8497	27U (1393MM) OPEN RACK C/W CASTORS	187.10
X06-8498	33U (1663MM) OPEN RACK C/W CASTORS	195.20
X06-8499	39U (1930MM) OPEN RACK C/W CASTORS	214.20

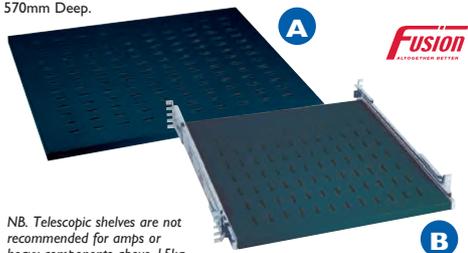


**For the complete
range of Fusion
cabinets and
accessories**

see pages 9-21

TELESCOPIC AND FIXED SHELVES FOR OPEN RACKS

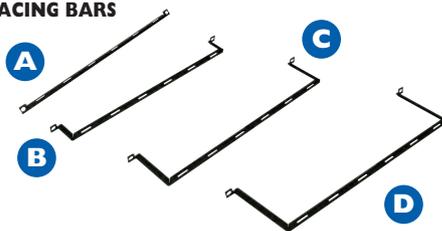
570mm Deep.



NB. Telescopic shelves are not recommended for amps or heavy components above 15kg

PART NO.	DESCRIPTION	PRICE
T70-2485	A) 570MM FIXED SHELF	12.05
T70-2483	B) 570MM TELESCOPIC SHELF	71.88

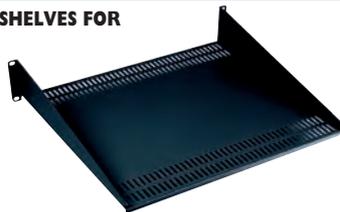
LACING BARS



PART NO.	DESCRIPTION	PRICE
X06-8500	A) LACING BAR - STRAIGHT	3.94
X06-8501	B) LACING BAR - 50MM	7.48
X06-8502	C) LACING BAR - 100MM	7.90
X06-8503	D) LACING BAR - 150MM	8.32

CANTILEVER SHELVES FOR OPEN RACKS

These shelves are vented and available in 200, 300 and 400mm depths.



PART NO.	DESCRIPTION	PRICE
T70-2479	200MM SHELF	12.37
T70-2480	300MM SHELF	13.37
T70-2481	400MM SHELF	14.86

DVR LOCKABLE DRAWER UNIT

Available in 2U and 3U.



PART NO.	DESCRIPTION	PRICE
X06-8850	2U LOCKABLE DRAWER	68.03
X06-8851	3U LOCKABLE DRAWER	78.03

PILLAR BUFFERS

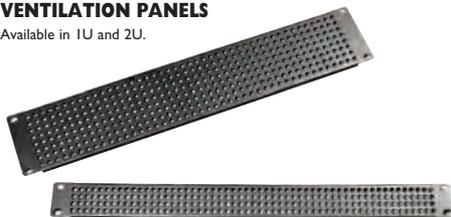
Designed to keep components in position. Height 20mm. Supplied individually.



PART NO.	DESCRIPTION	PRICE
X06-8504	PILLAR BUFFERS (EACH)	2.67

VENTILATION PANELS

Available in 1U and 2U.



PART NO.	DESCRIPTION	PRICE
X06-8505	1U VENTILATION PANEL	6.44
X06-8506	2U VENTILATION PANEL	10.45

FUSION CAGE NUTS & CAGE NUT TOOL

Fusion Cage Nut Sets M6 x 16mm

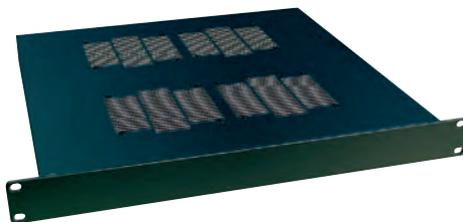
Supplied in pkts of 50 and 100 zinc plated or in black.

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	6.59
T70-2367	ZINC PKT 100 CAGED NUT SET	11.45
T70-2508	BLACK PKT 100 CAGED NUT SET	12.45
C00-0113	CAGED NUT INSERTION/REMOVAL TOOL	5.78

RACK MOUNTED FAN UNITS



PART NO.	DESCRIPTION	PRICE
T70-2488	4 WAY RACK FAN (BLACK)	105.05

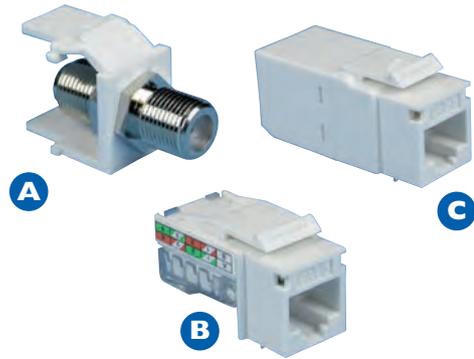
AUDIO VISUAL & COAXIAL

BLACK KEYSTONE JACK MODULES



PART NO.	DESCRIPTION	PRICE
T77-4695	A) FUSION CAT 5E IDC KEYSTONE JACK	0.95
T77-4696	B) FUSION CAT 6 IDC KEYSTONE JACK	1.75
T77-4583	C) FUSION CAT 5E THROUGH KEYSTONE JACK	1.45
T77-4584	D) FUSION CAT 6 THROUGH KEYSTONE JACK	1.95
Q69-4075	E) F TYPE F-F KEYSTONE JACK	0.60

WHITE KEYSTONE JACK MODULES



PART NO.	DESCRIPTION	PRICE
Q69-8797	(A) F-TYPE FEMALE TO FEMALE	0.69
Q69-8802	(B) CAT. 5E RJ45 TO IDC	1.58
Q69-8801	(C) CAT. 5E RJ45 TO RJ45	2.26

BLACK EUROSTYLE KEYSTONE HOUSING & BLANK

Holds Keystone Jacks on left. Dimensions: 25 x 50mm.



PART NO.	DESCRIPTION	PRICE
Q69-4080	A) 2 PORT KEYSTONE HOUSING	0.23
Q69-4081	B) BLACK KEYSTONE BLANK	0.12

EUROSTYLE KEYSTONE HOUSINGS

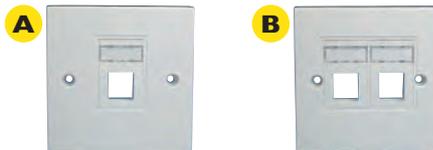
Holds easy snap-in modules on left. Dimensions: 25 x 50mm.



PART NO.	DESCRIPTION	PRICE
Q69-0481	(A) KEYSTONE HOUSING 1 PORT	0.26
Q69-0482	(B) KEYSTONE HOUSING 2 PORT	0.35

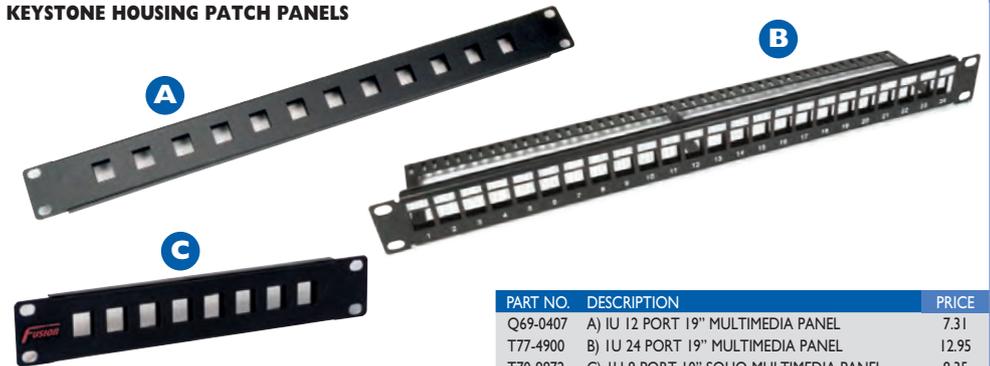
KEYSTONE FACE PLATES For keystone modules on left.

Dimensions: 85 x 85mm with labels. Available in single and double outlets.



PART NO.	DESCRIPTION	PRICE
Q69-8792	(A) SINGLE FACE PLATE	1.67
Q69-8793	(B) DOUBLE FACE PLATE	1.99

KEYSTONE HOUSING PATCH PANELS



PART NO.	DESCRIPTION	PRICE
Q69-0407	A) 1U 12 PORT 19" MULTIMEDIA PANEL	7.31
T77-4900	B) 1U 24 PORT 19" MULTIMEDIA PANEL	12.95
T70-9872	C) 1U 8 PORT 10" SOHO MULTIMEDIA PANEL	8.35

AUDIO VISUAL & COAXIAL





SATELLITE MODULE

Dimensions: 25 x 50mm. White or Black.

PART NO.	DESCRIPTION	PRICE
Q69-9538	WHITE	4.35
Q69-9539	BLACK	4.18



TV MODULE 25 X 50MM

Available in White or Black.

PART NO.	DESCRIPTION	PRICE
Q69-9536	WHITE	4.10
Q69-9537	BLACK	4.10



FUSION BNC AND F-TYPE EUROSTYLE MODULES

Dimensions: 25 x 50mm.

PART NO.	DESCRIPTION	PRICE
T70-2250	1 X BNC	1.24
T70-2251	2 X BNC	2.27
T70-2254	1 X F TYPE	0.76
T70-2255	2 X F-TYPE	1.13



BLANK MODULE 25 X 50MM

Available in White or Black.

PART NO.	DESCRIPTION	PRICE
Q69-9555	BLANK WHITE	1.08
Q69-9556	BLANK BLACK	1.08



FIBRE MODULES - SINGLE ST, DOUBLE ST AND DUAL SC

Dimensions: 25 x 50mm. Available in White or Black.

PART NO.	DESCRIPTION	PRICE
T70-2252	SINGLE ST WHITE	1.05
T70-2253	DOUBLE ST WHITE	1.79
T70-2256	DUAL SC WHITE	3.40

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
W70-7870	RJ45 LOW PROFILE EUROSTYLE MODULE BLACK	1.23

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	CAT 5E RJ45 EUROSTYLE MODULES (PK12)	11.40

FUSION RJ45 CAT 6 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
T90-5960	CAT 6 RJ45 EUROSTYLE MODULES (PK12)	20.40

FUSION ANGLED MODULES

Empty Eurostyle and Lj6 (6C) shutter housings/ adaptors for use with Fusion CAT 5e IDC Keystone Jacks which are to be ordered separately.



PART NO.	DESCRIPTION	PRICE
T77-4901	A) ANGLED EUROSTYLE SHUTTER HOUSING	0.50
T77-4902	B) ANGLED LJ6 (6C) SHUTTER HOUSING	0.50
T77-4695	C) CAT 5E IDC KEYSTONE JACK	0.95
T77-4696	D) CAT 6 IDC KEYSTONE JACK	1.75

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 MODULE	1.76
T70-0052	VOICE FULL MASTER MODULE	1.81
T70-0054	VOICE SECONDARY MODULE	1.26

AUDIO VISUAL & COAXIAL

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.



PART NO.	DESCRIPTION	PRICE
T70-0019	A) 1 GANG EURO-STYLE SINGLE WHITE	0.54
T70-2177	B) 1 GANG STANDARD FACEPLATE	0.51
T70-2178	C) 2 GANG STANDARD FACEPLATE	0.74

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.



PART NO.	DESCRIPTION	PRICE
T70-0064	1 GANG ABS SATIN CHROME FACEPLATE	0.53
T70-0065	2 GANG ABS SATIN CHROME FACEPLATE	0.71

SATIN CHROME METAL FACEPLATES**CLICK**

PART NO.	DESCRIPTION	PRICE
Q69-9535	A) 1 GANG FACEPLATE SATIN CHROME	5.17
Q69-9573	B) 2 GANG FACEPLATE SATIN CHROME	7.50

CHROME FACEPLATES METAL STANDARD**CLICK**

PART NO.	DESCRIPTION	PRICE
Q69-9534	A) 1 GANG FACEPLATE CHROME	3.82
Q69-9572	B) 2 GANG FACEPLATE CHROME	6.28

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).



PART NO.	DESCRIPTION	PRICE
T70-2179	1 GANG BEVELLED FACEPLATE	0.50
T70-2180	2 GANG BEVELLED FACEPLATE	0.72

BRUSH FACEPLATES

PART NO.	DESCRIPTION	PRICE
Q69-3883	A) SINGLE GANG BRUSH FACEPLATE	2.92
Q69-3884	B) DOUBLE GANG BRUSH FACEPLATE	3.89

CABLE HOLE GROMMET

Used to professionally finish cable entry holes in brickwork and plaster.

Supplied in white in a pack of 100.



PART NO.	DESCRIPTION	PRICE
Q69-4087	CABLE HOLE GROMMET WHITE (PK 100)	4.38

CABLE ENTRY COVER

Exterior wall covers for protecting cable entry on external walls.

Helps to prevent water ingress especially when drilling has caused the brick to burst. Fixed to walls with silicone adhesive or 'Gripfill'.

Supplied in 'brick' colour. White and black available upon request.



PART NO.	DESCRIPTION	PRICE
Q69-4088	CABLE ENTRY COVER (BRICK COLOUR)	0.40

HDMI TO HDMI - MALE-MALE LEADS



HDMI ADAPTOR

HDMI Coupler Female to Female



PART NO.	DESCRIPTION	PRICE
Q69-8963	A) HDMI TO HDMI LEADS 2M	3.90
Q69-8967	A) HDMI TO HDMI LEADS 3M	4.77
Q69-8971	A) HDMI TO HDMI LEADS 5M	6.37
Q69-8975	A) HDMI TO HDMI LEADS 10M	15.08
Q69-9923	B) HDMI COUPLER	1.32

RG59 BNC TO BNC PATCH LEADS



PART NO.	DESCRIPTION	PRICE
Q69-8885	0.5M RG59 BNC TO BNC PATCH LEAD	2.68
Q69-8886	1.0M RG59 BNC TO BNC PATCH LEAD	2.83
Q69-8887	2.0M RG59 BNC TO BNC PATCH LEAD	3.17

F-TYPE CONNECTORS



PART NO.	DESCRIPTION	PRICE
Q69-9501	F-TYPE CONNECTOR (EACH)	0.25
Q69-4871	F-TYPE CONNECTOR PACK OF 100	22.50

RG59 COAXIAL CABLE

High frequency signal, data and power transmission. Suitable for CCTV applications.

- Nominal Impedance 75Ω
- Nominal Capacitance 67pF/m
- Nominal Attenuation 18.50 dB/100m of 200MHz
- Overall Diameter 6.15mm



PART NO.	DESCRIPTION	RING SALES FOR SPECIAL PRICES OR VISIT millsltd.com
Q69-8524	COAXIAL CABLE RG59 100M	
Q69-9973	COAXIAL CABLE RG59 200M	
Q69-9974	COAXIAL CABLE RG59 500M	

SIAMESE CCTV CABLE (SHOT GUN + 2 PAIR)

A combination of RG59 coax moulded to a 2 core 0.75mm power cable - an invaluable time saver when running cabling for CCTV applications.

Supplied in 100m reels.



PART NO.	DESCRIPTION	RING SALES FOR SPECIAL PRICES OR VISIT millsltd.com
Q69-8870	SIAMESE CCTV CABLE 100M	

CT100 & CT125 STYLE FOAM-FILLED DIELECTRIC CABLE

Nominal Impedance: 75Ω Cable Diameters:

- CT100 6.5mm
- CT125 7.8mm



PART NO.	DESCRIPTION	RING SALES FOR SPECIAL PRICES OR VISIT millsltd.com
Q69-8527	A) CT100 CABLE FOAM FILLED 100M	
Q69-8528	B) CT125 CABLE FOAM FILLED 100M	

BNC RG59 CRIMP CONNECTOR PLUGS



PART NO.	DESCRIPTION	PRICE
Q69-9966	A) BNC PLUG RG59 (EACH)	0.30
Q69-8563	B) BNC PLUG RG59 HANDY PACK OF 100	23.92

STRAIGHT ADAPTOR BULKHEAD



PART NO.	DESCRIPTION	PRICE
Q69-9469	INSULATED STRAIGHT ADAPTOR BULKHEAD (EACH)	1.26

AUDIO VISUAL & COAXIAL

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 4 PAIR CAT 6 UTP PVC & LSOH CABLE 305M

Supplied in heavy duty boxes – 305M (1000ft) solid core.

23 AWG unshielded cable. Supplied metre marked for easy installation and to prevent wastage.

Approved for the Fusion 25 year system warranty when installed by an approved Fusion Installer.

PART NO. DESCRIPTION

T70-6901	CAT 6 PVC GREY 305M BOX
T70-6902	CAT 6 LSOH VIOLET 305M BOX
T70-6903	CAT 6 LSOH RED 305M BOX
T70-6904	CAT 6 LSOH YELLOW 305M BOX
T70-6905	CAT 6 LSOH BLUE 305M BOX
T70-6906	CAT 6 LSOH GREEN 305M BOX
T70-6907	CAT 6 LSOH WHITE 305M BOX
T70-6908	CAT 6 LSOH VIOLET 500M DRUM

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsd.com



By 1st July 2017 this cable will be CE marked with a EuroClass Designation as part of the CPR (Construction Products Regulations).

FUSION CAT 6 FTP LSOH CABLE 305M

Fusion CAT 6 23AWG FTP with violet Low Smoke Zero Halogen sheath.

When used as part of a shielded system the overall foil prevents electromagnetic interference from entering or exiting the cable thus reducing background noise and alien crosstalk between cables.

Approved for the Fusion 25 year system warranty when installed by an approved Fusion Installer.

By 1st July 2017 this cable will be CE marked with a EuroClass Designation as part of the CPR (Construction Products Regulations).



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsd.com

PART NO. DESCRIPTION

T70-6909	FUSION CAT 6 FTP LSOH 305M
----------	----------------------------

FUSION 4 PAIR CAT 6 UTP EXTERNAL CABLE 500M

External Grade CAT 6 Bulk Cable supplied on wooden 500m 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.

Since this cable is designed for external use this cable 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
millsd.com

PART NO. DESCRIPTION

T70-4476	CAT 6 EXTERNAL 500M DRUM
----------	--------------------------

FUSION CAT 6 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 24 port 1U Cat 6 Patch Panel
- 1 x 4 Ring 1U Cable Management Bar
- 12 x Single Gang Bevelled Faceplates
- 2 x pack of 12 Cat 6 Eurostyle Modules



PART NO. DESCRIPTION

T77-4582	FUSION CAT 6 CONTRACTOR PACK
----------	------------------------------

PRICE
70.75



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 our products perform to an exceptional standard.

The 25 year product warranty covers Cat 5e and Cat 6 cabling copper systems and gives you protection on all your Fusion structured cabling installations. It is available only to Fusion Registered Installers.

For further information please see page 48.



Cable Management



Coiled Flat-Packed
Mini Trunking

PVC Trunking

Dado Trunking

Bench Trunking

Rigid PVC Conduit



Galvanised Conduit

Flexible Conduit

Data Distribution Boxes

Galvanised Trunking
& Cable Tray



Steel Wire Cable Basket

Cable Sleeving & Protector

Power Poles

Back Boxes

Electrical Cable & Sockets

Floor Boxes & Grommets

Intumescent Fire Products

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 16MM
	38 x 25MM
	38 x 38MM
	50 x 25MM



AVAILABLE IN 2 METRE LENGTHS
FOR EASE OF TRANSPORTATION

ALSO AVAILABLE IN
RED (25 x 16MM) OR
BROWN (16 x 16MM & 25 x 16MM)
- IN 3M LENGTHS ONLY



STANDARD FIX MINI TRUNKING 2 METRE LENGTHS - SIZE (WIDTH X HEIGHT)

PART NO.	DESCRIPTION	PRICE
V81-8005	16 X 16MM STANDARD FIX 2M	0.84
V81-8006	25 X 16MM STANDARD FIX 2M	1.12
V81-8007	38 X 25MM STANDARD FIX 2M	1.99
V81-0392	38 X 38MM STANDARD FIX 2M	5.51

SELF-ADHESIVE MINI TRUNKING



SELF ADHESIVE MINI TRUNKING 2 METRE LENGTHS - SIZE (WIDTH X HEIGHT)

PART NO.	DESCRIPTION	PRICE
V81-8008	16 X 16MM SELF-ADHESIVE 2M	2.35
V81-8009	25 X 16MM SELF-ADHESIVE 2M	2.62
V81-8010	38 X 25MM SELF-ADHESIVE 2M	2.80

3 METRE LENGTHS - SIZE (WIDTH X HEIGHT)

PART NO.	DESCRIPTION	PRICE
V81-8016	16 X 16MM SELF-ADHESIVE 3M MMT1SF	4.22
V81-8017	25 X 16MM SELF-ADHESIVE 3M MMT2SF	3.40
V81-8018	38 X 16MM SELF-ADHESIVE 3M MMT3SF	3.53
V81-8019	38 X 25MM SELF-ADHESIVE 3M MMT4SF	3.41

STANDARD FIX MINI TRUNKING

3 METRE LENGTHS - SIZE (WIDTH X HEIGHT)

PART NO.	DESCRIPTION	PRICE
V81-8011	16 X 16MM STANDARD FIX 3M MMT1	1.89
V81-8750	16 X 16MM (BROWN) FIX 3M MMT1	6.77
V81-8012	25 X 16MM STANDARD FIX 3M MMT2	1.46
V81-8751	25 X 16MM (BROWN) FIX 3M MMT2	10.10
V81-8752	25 X 16MM (RED) FIX 3M MMT2	4.69
V81-8013	38 X 16MM STANDARD FIX 3M MMT3	2.15
V81-8014	38 X 25MM STANDARD FIX 3M MMT4	2.92
V81-0391	38 X 38MM STANDARD FIX 3M MMT6	8.28
V81-8015	50 X 25MM STANDARD FIX 3M MMT5	10.06



**MINI TRUNKING
COUPLERS**

PART NO.	DESCRIPTION	PRICE
V81-8020	16 X 16MM COUPLING	0.40
V81-8753	16 X 16MM (BROWN)	0.40
V81-8021	25 X 16MM COUPLING	0.40
V81-8754	25 X 16MM (BROWN)	0.38
V81-8755	25 X 16MM (RED)	0.40
V81-8022	38 X 16MM COUPLING	0.40
V81-8023	38 X 25MM COUPLING	0.76
V81-0395	38 X 38MM COUPLING	1.18
V81-8024	50 X 25MM COUPLING	1.32

**MINI TRUNKING
STOP ENDS**

PART NO.	DESCRIPTION	PRICE
V81-8025	16 X 16MM STOP END	0.40
V81-8759	16 X 16MM (BROWN)	0.40
V81-8026	25 X 16MM STOP END	0.40
V81-8760	25 X 16MM (BROWN)	0.40
V81-8761	25 X 16MM (RED)	0.40
V81-8027	38 X 16MM STOP END	0.40
V81-8028	38 X 25MM STOP END	0.49
V81-0396	38 X 38MM STOP END	0.57
V81-8029	50 X 25MM STOP END	1.34

**MINI TRUNKING
FLAT ANGLES**

PART NO.	DESCRIPTION	PRICE
V81-8030	16 X 16MM ANGLE	0.38
V81-8762	16 X 16MM (BROWN)	0.40
V81-8031	25 X 16MM ANGLE	0.46
V81-8763	25 X 16MM (BROWN)	0.40
V81-8764	25 X 16MM (RED)	0.40
V81-8032	38 X 16MM ANGLE	0.40
V81-8033	38 X 25MM ANGLE	0.88
V81-0397	38 X 38MM ANGLE	1.18
V81-8034	50 X 25MM ANGLE	1.65

**MINI TRUNKING
EXTERNAL
ANGLES**

PART NO.	DESCRIPTION	PRICE
V81-8035	16 X 16MM EXT.ANGLE	0.40
V81-8756	16 X 16MM (BROWN)	0.40
V81-8036	25 X 16MM EXT.ANGLE	0.44
V81-8757	25 X 16MM (BROWN)	0.40
V81-8758	25 X 16MM (RED)	0.36
V81-8037	38 X 16MM EXT.ANGLE	0.41
V81-8038	38 X 25MM EXT.ANGLE	0.89
V81-0398	38 X 38MM EXT.ANGLE	1.18
V81-8039	50 X 25MM EXT.ANGLE	1.33

**MINI TRUNKING
INTERNAL
ANGLES**

PART NO.	DESCRIPTION	PRICE
V81-8040	16 X 16MM INT.ANGLE	0.39
V81-8765	16 X 16MM (BROWN)	0.40
V81-8041	25 X 16MM INT.ANGLE	0.45
V81-8766	25 X 16MM (BROWN)	0.38
V81-8767	25 X 16MM (RED)	0.40
V81-8042	38 X 16MM INT.ANGLE	0.73
V81-8043	38 X 25MM INT.ANGLE	0.87
V81-0399	38 X 38MM INT.ANGLE	1.18
V81-8044	50 X 25MM INT.ANGLE	1.33

**MINI TRUNKING
EQUAL TEES**

PART NO.	DESCRIPTION	PRICE
V81-8045	16 X 16MM TEE	1.29
V81-8768	16 X 16MM (BROWN)	0.65
V81-8046	25 X 16MM TEE	0.95
V81-8769	25 X 16MM (BROWN)	0.65
V81-8770	25 X 16MM (RED)	0.65
V81-8047	38 X 16MM TEE	0.65
V81-8048	38 X 25MM TEE	0.89
V81-0400	38 X 38MM TEE	1.15
V81-8049	50 X 25MM TEE	1.34

**A MINI 4 INTERNAL
BEND ASSEMBLY****B MINI 4 EXTERNAL
BEND ASSEMBLY****C MINI 4 FLAT
BEND ASSEMBLY****Mini 4 Data System**

The Mini 4 Data System uses specially designed internal and external bends, flat angles and tees that incorporate large, smooth curves to give the bend radius control which is essential when installing Cat 6 and fibre cable.

These accessories are used in conjunction with the 38 x 25mm MMT4 standard mini trunking on the opposite page to give a complete range of controlled bend radius trunking suitable for the latest high performance installations.

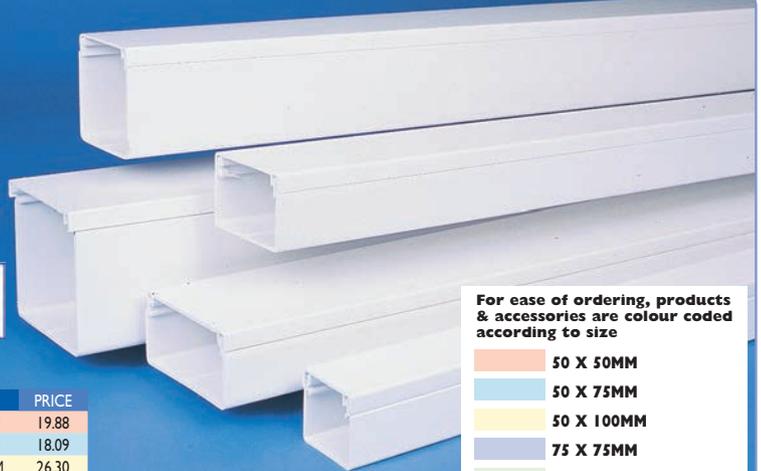
**D MINI 4 UNEQUAL
TEE ASSEMBLY****E MINI 4 EQUAL TEE
ASSEMBLY**

PART NO.	DESCRIPTION	PRICE
V81-8050	A) MINI 4 INTERNAL BEND	3.19
V81-8051	B) MINI 4 EXTERNAL BEND	3.47
V81-8052	C) MINI 4 FLAT BEND	3.77
V81-8053	D) MINI 4 UNEQUAL TEE	5.59
V81-8054	E) MINI 4 EQUAL TEE	5.35

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 150mm x 150mm.

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
	150 X 150MM

PART NO.	DESCRIPTION	PRICE
V81-8055	50 X 50MM TRUNKING 3M	19.88
V81-8056	50 X 75MM TRUNKING 3M	18.09
V81-8057	50 X 100MM TRUNKING 3M	26.30
V81-8058	75 X 75MM TRUNKING 3M	31.45
V81-8059	100 X 100MM TRUNKING 3M	36.70
V81-8486	150 X 150MM TRUNKING 3M	80.68

INTERNAL ANGLES CLIP-ON

PART NO.	DESCRIPTION	PRICE
V81-8060	50 X 50MM	2.82
V81-8062	50 X 100MM	6.53

INTERNAL ANGLES MOULDED

PART NO.	DESCRIPTION	PRICE
V81-8410	50 X 50MM	3.25

INTERNAL ANGLES FABRICATED

PART NO.	DESCRIPTION	PRICE
V81-8061	50 X 75MM	10.09
V81-8413	50 X 100MM	13.06
V81-8063	75 X 75MM	13.05
V81-8064	100 X 100MM	20.95
V81-8487	150 X 150MM	45.10

EXTERNAL ANGLES CLIP-ON

PART NO.	DESCRIPTION	PRICE
V81-8065	50 X 50MM	4.61
V81-8067	50 X 100MM	6.53

EXTERNAL ANGLES MOULDED

PART NO.	DESCRIPTION	PRICE
V81-8411	50 X 50MM	3.25

EXTERNAL ANGLES FABRICATED

PART NO.	DESCRIPTION	PRICE
V81-8066	50 X 75MM	10.08
V81-8414	50 X 100MM	13.23
V81-8068	75 X 75MM	11.74
V81-8069	100 X 100MM	21.95
V81-8488	150 X 150MM	46.57

**FLAT ANGLES
CLIP-ON**

PART NO.	DESCRIPTION	PRICE
V81-8075	50 X 50MM	2.73
V81-8077	50 X 100MM	6.70

**FLAT ANGLES
MOULDED**

PART NO.	DESCRIPTION	PRICE
V81-8412	50 X 50MM	3.25
V81-8076	50 X 75MM	4.61
V81-8078	75 X 75MM	5.32

**FLAT ANGLES
FABRICATED**

PART NO.	DESCRIPTION	PRICE
V81-8397	50 X 75MM	7.66
V81-8415	50 X 100MM	13.18
V81-8398	75 X 75MM	9.04
V81-8079	100 X 100MM	19.32
V81-8489	150 X 150MM	46.57

FLAT TEES

All Flat Tees
are fabricated



PART NO.	DESCRIPTION	PRICE
V81-8084	50 X 50MM	4.46
V81-8085	50 X 75MM	7.72
V81-8086	50 X 100MM	17.20
V81-8087	75 X 75MM	8.00
V81-8088	100 X 100MM	22.35
V81-8490	150 X 150MM	48.97

**MAXI
COUPLERS**

PART NO.	DESCRIPTION	PRICE
V81-8070	50 X 50MM	1.70
V81-8071	50 X 75MM	3.18
V81-8072	50 X 100 MM	4.41
V81-8073	75 X 75MM	5.53
V81-8074	100 X 100MM	6.26
V81-8491	150 X 150MM	8.47

END CAPS

PART NO.	DESCRIPTION	PRICE
V81-8118	50 X 50MM	0.66
V81-8119	50 X 75MM	1.00
V81-8117	50 X 100MM	1.71
V81-8120	75 X 75MM	1.26
V81-8121	100 X 100MM	2.71
V81-8492	150 X 150MM	9.38

DIVIDING FILLET

Supplied in 3m lengths



PART NO.	DESCRIPTION	PRICE
V81-8399	50MM X 3M	6.51
V81-8400	75MM X 3M	8.11
V81-8401	100MM X 3M	10.97
V81-8493	150MM X 3M	16.43

CABLE RETAINER

PART NO.	DESCRIPTION	PRICE
V81-8402	50MM PKT 10	2.15
V81-8403	75MM PKT 10	3.41
V81-8404	100MM PKT 10	3.53
V81-8494	150MM PKT 5	9.25

FRAMES

PART NO.	DESCRIPTION	PRICE
V81-8405	SINGLE	0.98
V81-8406	DOUBLE	1.82

BOX LID SPACER

PART NO.	DESCRIPTION	PRICE
V81-8409	SPACER (EACH)	2.42

MINI TRUNKING ADAPTOR

PART NO.	DESCRIPTION	PRICE
V81-8407	MMT 2	1.93
V81-8408	MMT 4	2.32

BACK BOXES (30MM DEEP)

PART NO.	DESCRIPTION	PRICE
V81-8082	BACK SINGLE	2.25
V81-8081	BACK DOUBLE	3.56

DADO TRUNKING - 3 COMPARTMENT TRUNKING 140 X 50 MM WITH 1 LID

A stylish low cost range of 140 x 50 mm 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	53.97

A) TRUNKING CLEANER

Fast acting solvent to remove ingrained dirt and marks from PVC trunking.

B) 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
R90-7891	A) TRUNKING CLEANER FAST ACTING	8.09
R90-7890	B) TRUNKING CLEANER SOLVENT FREE	4.35

END CAP



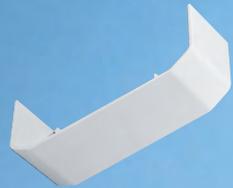
PART NO.	DESCRIPTION	PRICE
V81-8104	END CAP	2.47

EXTERNAL ANGLE



PART NO.	DESCRIPTION	PRICE
V81-8101	EXTERNAL ANGLE	6.45

JOINT COVER



PART NO.	DESCRIPTION	PRICE
V81-8105	JOINT COVER	3.64

INTERNAL ANGLE



PART NO.	DESCRIPTION	PRICE
V81-8102	INTERNAL ANGLE	5.10

SOCKET MOUNTING BOXES

Dimensions: 30mm Deep -
Available 1 and 2 Gang



PART NO.	DESCRIPTION	PRICE
V81-8106	1 GANG BOX 30 MM	2.15
V81-8107	2 GANG BOX 30 MM	2.58

FLAT TEE



PART NO.	DESCRIPTION	PRICE
V81-8103	FLAT TEE	56.99

FLAT ANGLE



PART NO.	DESCRIPTION	PRICE
V81-8108	FLAT ANGLE	43.41

'MONO 10' DADO TRUNKING

A new multi compartment, compact 100 x 50mm trunking system with the option of dividing fillet for segregation into two compartments.

- Low cost, stylish and compact
- Range of accessories available
- Available in 3m lengths
- All combined under one lid
- Optimum cable performance



PART NO.	DESCRIPTION	PRICE
V81-9604	100 X 50MM 3M	32.34

FLAT TEE

PART NO.	DESCRIPTION	PRICE
V81-9605	FLAT TEE	17.22

END CAP

PART NO.	DESCRIPTION	PRICE
V81-9606	END CAP	1.77

COUPLER

PART NO.	DESCRIPTION	PRICE
V81-9607	COUPLER	4.13

INTERNAL BEND

PART NO.	DESCRIPTION	PRICE
V81-9608	INTERNAL BEND	7.99

EXTERNAL BEND

PART NO.	DESCRIPTION	PRICE
V81-9609	EXTERNAL BEND	7.99

FLAT ANGLE

PART NO.	DESCRIPTION	PRICE
V81-9610	FLAT ANGLE	8.59

DIVIDING FILLET

PART NO.	DESCRIPTION	PRICE
V81-9611	DIVIDING FILLET 3M	5.24

SOCKET MOUNTING BOXES

Dimensions:
30mm Deep.
Available 1
and 2 Gang



PART NO.	DESCRIPTION	PRICE
V81-8106	1 GANG BOX 30MM	2.15
V81-8107	2 GANG BOX 30MM	2.58

ADJUSTABLE ACCESSORY BOX

PART NO.	DESCRIPTION	PRICE
V81-9612	SINGLE ADJ. 32-40MM	2.78
V81-9613	TWIN ADJ. 32-40MM	3.38

BENCH TRUNKING

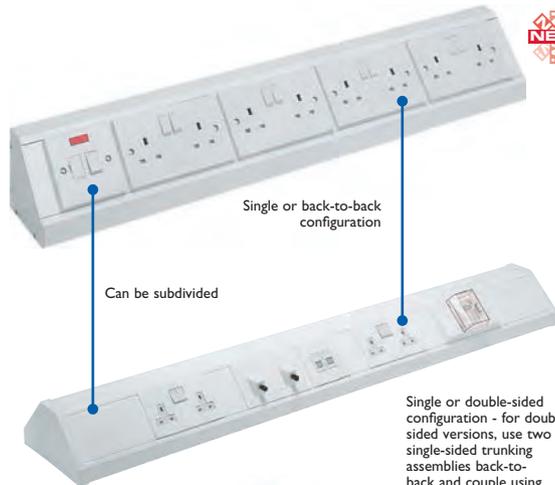
Bench trunking is a robust angled trunking that can be mounted directly on to desks, work benches or fitted under shelving. Supplied in white.

Product information

- 105 x 105mm
- Suitable for desk, bench or worktop applications
- Can be subdivided
- Fully compatible with Marshall-Tufflex and UK standard power and data accessories

Data information

- Adjustable data box 32-47mm



Single or back-to-back configuration

Can be subdivided

Single or double-sided configuration - for double sided versions, use two single-sided trunking assemblies back-to-back and couple using doubled sided end caps



A



B



D



C



E



F



G

PART NO.	DESCRIPTION	PACK	PRICE
V81-6700	A) TRUNKING ASSEMBLY 105 X 105MM 2 X 3M	1	148.80
V81-6701	B) DIVIDING FILLET 4 X 3M	1	14.35
V81-6702	C) COUPLER	1	9.45
V81-6703	D) SINGLE SIDED END CAPS	2	8.65
V81-6704	E) DOUBLE SIDED END CAPS	2	8.85
V81-6705	F) INTERNAL BEND	1	54.45
V81-6706	G) EXTERNAL BEND	1	54.45



**SINGLE SIDED BACKBOX UNITS
FOR BENCH TRUNKING**

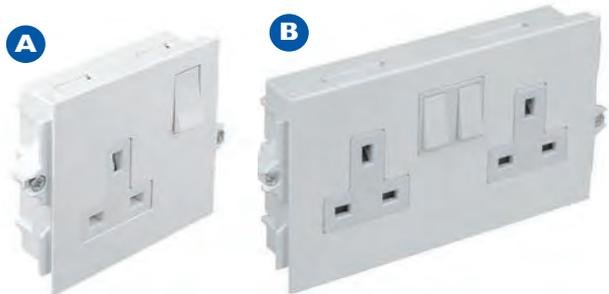
PART NO.	DESCRIPTION	PRICE
V81-6707	A) 1 GANG SINGLE SIDED UNIT	25.60
V81-6709	B) 2 GANG SINGLE SIDED UNIT	29.95
V81-6711	C) 1 PLUS 2 GANG SINGLE SIDED UNIT	36.85

**DOUBLE SIDED BACKBOX UNITS
FOR BENCH TRUNKING**

PART NO.	DESCRIPTION	PRICE
V81-6708	A) 1 GANG DOUBLE SIDED UNIT	40.55
V81-6710	B) 2 GANG DOUBLE SIDED UNIT	47.20
V81-6712	C) 1 PLUS 2 GANG DOUBLE SIDED UNIT	54.20

**RCD MCB HOUSING
FOR BENCH TRUNKING**

PART NO.	DESCRIPTION	PRICE
V81-6713	RCD/MCB HOUSING	32.95

**13 AMP SWITCHED SOCKETS
FOR BENCH TRUNKING**

PART NO.	DESCRIPTION	PRICE
V81-6714	A) 13AMP DP 1 GANG SWITCHED SOCKET, FRONT FIX	8.70
V81-6715	B) 13AMP DP 2 GANG SWITCHED SOCKET TWIN EARTH, FRONT FIX	17.25

COILED, FLAT-PACKED MINI TRUNKING

- Ideal for small runs and maintenance applications.
- Easy to store and transport.
- Available in Standard Fix and Self-Adhesive versions.
- BS4678 Pt4

For ease of ordering, products & accessories are colour coded according to size

- 16 X 10MM
- 16 X 16MM
- 25 X 16MM
- 38 X 16MM



STANDARD FIX COILED TRUNKING

PART NO.	DESCRIPTION	PRICE
V01-1100	16 X 10MM S/F 15M	22.35
V01-1101	16 X 16MM S/F 15M	27.72
V01-1102	25 X 16MM S/F 15M	33.49
V01-1103	38 X 16MM S/F 12M	47.35

SELF-ADHESIVE COILED TRUNKING

PART NO.	DESCRIPTION	PRICE
V01-1104	16 X 10MM S/A 15M	27.72
V01-1105	16 X 16MM S/A 15M	34.72
V01-1106	25 X 16MM S/A 15M	40.91
V01-1107	38 X 16MM S/A 12M	61.39

CABLE MANAGEMENT

COILED MINI TRUNKING COUPLINGS



PART NO.	DESCRIPTION	PRICE
V01-1075	16 X 10MM COUPLING	0.47
V01-1076	16 X 16MM COUPLING	0.48
V01-1077	25 X 16MM COUPLING	0.49
V01-1078	38 X 16MM COUPLING	0.51

COILED MINI TRUNKING STOP ENDS



PART NO.	DESCRIPTION	PRICE
V01-1079	16 X 16MM STOP ENDS	0.56
V01-1080	25 X 16MM STOP ENDS	0.60
V01-1081	38 X 16MM STOP ENDS	0.65

COILED MINI TRUNKING INTERNAL ANGLES



PART NO.	DESCRIPTION	PRICE
V01-1090	16 X 10MM INT.ANGLE	0.49
V01-1091	16 X 16MM INT.ANGLE	0.55
V01-1092	25 X 16MM INT.ANGLE	0.67
V01-1093	38 X 16MM INT.ANGLE	0.72

COILED MINI TRUNKING FLAT TEES



PART NO.	DESCRIPTION	PRICE
V01-1094	16 X 10MM FLAT TEE	0.77
V01-1095	16 X 16MM FLAT TEE	0.80
V01-1096	25 X 16MM FLAT TEE	0.84
V01-1097	38 X 16MM FLAT TEE	0.89

COILED MINI TRUNKING FLAT ANGLES



PART NO.	DESCRIPTION	PRICE
V01-1082	16 X 10MM ANGLES	0.46
V01-1083	16 X 16MM ANGLES	0.51
V01-1084	25 X 16MM ANGLES	0.61
V01-1085	38 X 16MM ANGLES	0.70

COILED MINI TRUNKING EXTENSION ANGLES



PART NO.	DESCRIPTION	PRICE
V01-1086	16 X 10MM EXT.ANGLE	0.44
V01-1087	16 X 16MM EXT.ANGLE	0.46
V01-1088	25 X 16MM EXT.ANGLE	0.50
V01-1089	38 X 16MM EXT.ANGLE	0.56



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	1.15
V01-7012	25MM WHITE CONDUIT 3M	1.72
V01-1153	20MM BLACK CONDUIT 3M	1.14
V01-1154	25MM BLACK CONDUIT 3M	1.72

HEAVY DUTY DUCT AND FLEXIBLE CONDUIT CUTTER

Capacity 42mm



PART NO.	DESCRIPTION	PRICE
N14-3500	DUCT CUTTER 42MM	8.72

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	PART NO.	DESCRIPTION	PRICE
V01-7013	A) 20MM TERMINAL BOX - WHITE	0.65	V01-1165	F) 20MM COUPLER - BLACK	0.16
V01-7014	A) 25MM TERMINAL BOX - WHITE	0.95	V01-1166	F) 25MM COUPLER - BLACK	0.20
V01-1155	A) 20MM TERMINAL BOX - BLACK	0.89	V01-7019	G) 20MM SPACE BAR SADDLE - WHITE	0.22
V01-1156	A) 25MM TERMINAL BOX - BLACK	0.95	V01-7020	G) 25MM SPACE BAR SADDLE - WHITE	0.28
V01-7024	B) 20MM ANGLE BOX - WHITE	0.73	V01-1167	G) 20MM SPACE BAR SADDLE - BLACK	0.21
V01-7025	B) 25MM ANGLE BOX - WHITE	1.03	V01-1168	G) 25MM SPACE BAR SADDLE - BLACK	0.24
V01-1157	B) 20MM ANGLE BOX - BLACK	0.68	V01-7030	H) 20MM INSPECTION BEND - WHITE	0.79
V01-1158	B) 25MM ANGLE BOX - BLACK	1.03	V01-7031	H) 25MM INSPECTION BEND - WHITE	1.38
V01-7015	C) 20MM THROUGH BOX - WHITE	0.62	V01-1169	H) 20MM INSPECTION BEND - BLACK	0.79
V01-7016	C) 25MM THROUGH BOX - WHITE	1.04	V01-1170	H) 25MM INSPECTION BEND - BLACK	1.38
V01-1159	C) 20MM THROUGH BOX - BLACK	0.62	V01-1171	20MM BENDING SPRING - BLACK	3.31
V01-1160	C) 25MM THROUGH BOX - BLACK	1.04	V01-1172	25MM BENDING SPRING - BLACK	5.30
V01-7026	D) 20MM 3 WAY TEE BOX - WHITE	0.85	V01-7021	I) 20MM INSPECTION TEE - WHITE	1.09
V01-7027	D) 25MM 3 WAY TEE BOX - WHITE	1.35	V01-7022	I) 25MM INSPECTION TEE - WHITE	1.38
V01-1161	D) 20MM 3 WAY TEE BOX - BLACK	0.79	V01-1173	I) 20MM INSPECTION TEE - BLACK	1.09
V01-1162	D) 25MM 3 WAY TEE BOX - BLACK	1.25	V01-1174	I) 25MM INSPECTION TEE - BLACK	1.38
V01-7017	E) BOX LID 65MM - WHITE	0.16	V01-7032	J) 20MM BACK BOX ADAPTOR - WHITE	0.25
V01-7018	E) M4 X 10MM BOX LID SCREWS PKT100 - WHITE	4.90	V01-7033	J) 25MM BACK BOX ADAPTOR - WHITE	0.34
V01-1163	E) BOX LID 65MM - BLACK	0.16	V01-1175	J) 20MM BACK BOX ADAPTOR - BLACK	0.25
V01-1164	E) M4 X 10MM BOX LID SCREWS PKT100 - BLACK	4.90	V01-1176	J) 25MM BACK BOX ADAPTOR - BLACK	0.34
V01-7028	F) 20MM COUPLER - WHITE	0.18	V01-7023	K) SOLVENT ADHESIVE	10.89
V01-7029	F) 25MM COUPLER - WHITE	0.22	V01-8034	L) 1 GANG BACK BOX - WHITE	1.96
			V01-8038	L) 2 GANG BACK BOX - WHITE	3.61

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



PART NO.	DESCRIPTION	PRICE
V01-1194	20MM GALV STEEL 3.75M	7.60
V01-1195	25MM GALV STEEL 3.75M	10.15

STEEL TERMINAL BOX

PART NO.	DESCRIPTION	PRICE
V01-1196	20MM STEEL TERM BOX	1.57
V01-1197	25MM STEEL TERM BOX	2.05

STEEL THROUGH BOX

PART NO.	DESCRIPTION	PRICE
V01-1200	20MM STEEL THROUGH BOX	1.57
V01-1201	25MM STEEL THROUGH BOX	2.05

STEEL ANGLE BOX

PART NO.	DESCRIPTION	PRICE
V01-1198	20MM STEEL ANGLE BOX	1.39
V01-1199	25MM STEEL ANGLE BOX	2.05

STEEL TEE BOX

PART NO.	DESCRIPTION	PRICE
V01-1202	20MM STEEL TEE BOX	1.63
V01-1203	25MM STEEL TEE BOX	2.04

STEEL SADDLES

PART NO.	DESCRIPTION	PRICE
V01-1204	20MM SPACER SADDLES BOX	0.16
V01-1205	25MM SPACER SADDLES BOX	0.19

STEEL COUPLER

PART NO.	DESCRIPTION	PRICE
V01-1206	20MM STEEL COUPLER	0.25
V01-1207	25MM STEEL COUPLER	0.30

BOX LID & GASKET

PART NO.	DESCRIPTION	PRICE
V01-1208	STEEL BOX LID	0.16
V01-1209	RUBBER GASKET	0.19

BOX LID SCREWS

packet of 100



PART NO.	DESCRIPTION	PRICE
V01-1214	M4 X 12MM BOX LID SCREWS	5.40

BRASS BUSH

PART NO.	DESCRIPTION	PRICE
V01-1212	20MM SHORT M BUSH	0.40
V01-1213	25MM SHORT M BUSH	0.45

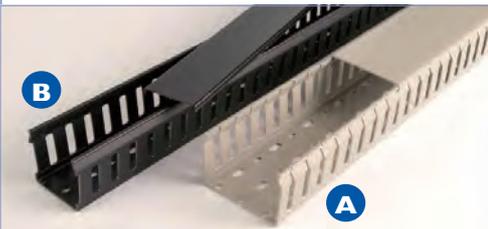
STEEL LOCKRINGS

PART NO.	DESCRIPTION	PRICE
V01-1210	20MM STEEL LOCKRING	0.16
V01-1211	25MM STEEL LOCKRING	0.17

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.

**A) OPEN SLOT (GREY AND BLACK)**

PART NO.	DESCRIPTION	PRICE
V01-8371	38W X 50H MM OPEN SLOTTED 2M GREY	11.00
V01-8368	50W X 50H MM OPEN SLOTTED 2M GREY	8.85
V01-8373	50W X 75H MM OPEN SLOTTED 2M GREY	11.23
V01-8369	75W X 50H MM OPEN SLOTTED 2M GREY	12.51
V01-8375	75W X 75H MM OPEN SLOTTED 2M GREY	13.98
V01-8370	100W X 75H MM OPEN SLOTTED 2M GREY	20.11
V01-8377	125W X 75H MM OPEN SLOTTED 2M GREY	22.02
V01-7070	38W X 50H MM OPEN SLOTTED 2M BLACK	12.37
V01-8372	50W X 50H MM OPEN SLOTTED 2M BLACK	10.83
V01-7071	50W X 75H MM OPEN SLOTTED 2M BLACK	13.62
V01-8374	75W X 50H MM OPEN SLOTTED 2M BLACK	14.37
V01-7072	75W X 75H MM OPEN SLOTTED 2M BLACK	16.42
V01-8376	100W X 75H MM OPEN SLOTTED 2M BLACK	24.35
V01-7073	125W X 75H MM OPEN SLOTTED 2M BLACK	26.57

B) CLOSED SLOT (BLACK)**B) CLOSED SLOT (GREY)**

PART NO.	DESCRIPTION	PRICE
V01-8378	38W X 50H MM CLOSED SLOTTED 2M GREY	11.00
V01-7053	50W X 50H MM CLOSED SLOTTED 2M GREY	11.75
V01-8380	50W X 75H MM CLOSED SLOTTED 2M GREY	12.25
V01-8381	75W X 50H MM CLOSED SLOTTED 2M GREY	13.00
V01-7054	100W X 50H MM CLOSED SLOTTED 2M GREY	13.65
V01-7055	100W X 75H MM CLOSED SLOTTED 2M GREY	20.11
V01-7056	125W X 75H MM CLOSED SLOTTED 2M GREY	22.02
PART NO.	DESCRIPTION	PRICE
V01-8385	38W X 50H MM CLOSED SLOTTED 2M BLACK	11.81
V01-8379	50W X 50H MM CLOSED SLOTTED 2M BLACK	10.83
V01-8386	50W X 75H MM CLOSED SLOTTED 2M BLACK	11.76
V01-8387	75W X 50H MM CLOSED SLOTTED 2M BLACK	14.37
V01-8382	100W X 50H MM CLOSED SLOTTED 2M BLACK	17.75
V01-8383	100W X 75H MM CLOSED SLOTTED 2M BLACK	22.58
V01-8384	125W X 75H MM CLOSED SLOTTED 2M BLACK	24.89

WHITE LSOH CORRUGATED FLEXIBLE CONDUIT

PART NO.	DESCRIPTION	PRICE
V01-1178	20MM WHITE POLYPROP FLEX 100M	39.58
V01-1179	25MM WHITE POLYPROP FLEX 50M	27.92
V01-1180	32MM WHITE POLYPROP FLEX 50M	56.50
V01-1181	20MM WHITE GLANDS AND LOCKNUTS PK 10	4.83
V01-1182	25MM WHITE GLANDS AND LOCKNUTS PK 10	7.54
V01-1183	32MM WHITE GLANDS AND LOCKNUTS PK 10	22.05

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	30.82
V01-7037	25MM DIA. POLYPROP FLEX 50M	19.79
V01-7035	32MM DIA. POLYPROP FLEX 25M	16.49
V01-0465	50MM DIA. POLYPROP FLEX 25M	83.56
T70-2578	20MM GLANDS AND NUTS (PKT 10)	6.25
T70-2573	25MM GLANDS AND NUTS (PKT 10)	6.72
T70-2574	32MM GLANDS AND NUTS (PKT 10)	9.87
T70-1225	50MM GLANDS AND NUTS (EACH)	8.88

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 25 mm diameters, containing 10m conduit, 10 glands, 10 locknuts.



PART NO.	DESCRIPTION	PRICE
V01-1305	20MM CONTRACTOR PACKS	10.45
V01-1306	25MM CONTRACTOR PACKS	14.65

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	40.74
V01-7047	25MM STEEL FLEX CONDUIT 30M	60.59
V01-7048	20MM GLANDS AND NUTS (PKT 10)	13.60
V01-7049	25MM GLANDS AND NUTS (PKT 10)	14.65

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	31.45
V01-7043	25MM REINFORCED CONDUIT 30M	38.80
T70-4739	20MM GLANDS AND NUTS (PKT 10)	6.25
T70-4740	25MM GLANDS AND NUTS (PKT 10)	6.72

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	15.02
V01-7058	25MM POLYPROP SPLIT FLEX 50M	25.73
V01-7059	32MM POLYPROP SPLIT FLEX 25M	23.05
T70-2578	20MM GLANDS AND NUTS (PKT 10)	6.25
T70-2573	25MM GLANDS AND NUTS (PKT 10)	6.72
T70-2574	32MM GLANDS AND NUTS (PKT 10)	9.87

UNDERGROUND BURIAL CORRUGATED FLEXIBLE HDPE CONDUIT

This double-walled underground burial conduit has a corrugated exterior and a smooth core. It is made from HDPE and has a high chemical and water resistance. It has an impact resistance of higher than 450N on 5cm at +20°C. Its flexibility and mechanical resistance allows installation even in the presence of irregularity in the ground. Supplied in black. Other colours available on request.

Each coil comes complete with integral draw wire.



PART NO.	DESCRIPTION	EXTERNAL DIAMETER	INTERNAL DIAMETER	COIL SIZE	PRICE
V01-4985	UNDERGROUND BURIAL CONDUIT	40MM	32MM	50M	97.95
V01-4986	UNDERGROUND BURIAL CONDUIT	50MM	40MM	50M	117.95
V01-4987	UNDERGROUND BURIAL CONDUIT	63MM	51MM	50M	175.95
V01-4988	UNDERGROUND BURIAL CONDUIT	75MM	61MM	50M	195.95
V01-4989	UNDERGROUND BURIAL CONDUIT	110MM	94MM	50M	329.95

FIBERGUIDE®

FiberGuide® is a raceway system designed to protect and route fibre optic patch cords and multi-fibre cable assemblies to and from fibre splice enclosures, fibre distribution frames and fibre optic terminal devices.

The FiberGuide® system is a complete set of products designed and manufactured to ensure total off frame protection and ease of use. Basic components include horizontal and vertical straight sections, horizontal and vertical elbows, downspouts, junctions and numerous support hardware and flex-tube kits.



Available in a broad range of sizes from 2x2 through to 4x24 inch systems.

Key features include:

Speed of Installation

FiberGuide® systems feature a variety of products that allow for quick and easy installation. Express Exit™ drops as well as tool-less products including Snap-Fit™ junctions, snap-on covers and new hinged cover options save valuable time for installers.

Speed of Deployment

The Express Exit system enables new drops to be added or removed quickly and easily. A drop can be added into a fully loaded raceway in seconds - without cutting.

Raceway Flexibility

FiberGuide® features 38 support structures, over 75 fittings, multiple drop options and several other components to suit any application you create.

Fibre Protection

CommScope's broadband expertise translates into maximum protection for your network. Two inch (50 mm) minimum bend radius is maintained throughout the system regardless of the raceway size.

Strength and Durability

100% raceway reliability - stands up to any challenge.



COMMSCOPE®
DISTRIBUTOR

Ring sales for [ordering guide](#) or visit: [millsltd.com](#)



304 GRADE STAINLESS STEEL BALL-LOCK CABLE TIES



Metal 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 MBT (Metal Ball Bearing Ties) ties have a patented non-releasable locking feature and offer infinite adjustment within their length. The MBT ties are heavy duty. Once installed they can be opened and re-used if required.

This range of stainless steel cable ties can be used in chemical industries and on oil platforms as well as in mass transit, shipbuilding and mining industries. MBT ties are also suitable for machine building, apparatus construction and in the outside area of radio technology.

It is strongly recommended that these cable ties are applied using the S00-5631 Tensioning Tool (below) to ensure reliable and efficient fixing.

- Patented non-releasable locking feature
- Corrosion resistant
- Outstanding chemical resistance
- High temperature resistance
- Non-burning



PART NO.	LENGTH (MM)	WIDTH (MM)	MAX. Ø	QTY	PRICE
S00-5620	127	4.6	25	100	20.73
S00-5621	201	4.6	50	100	22.02
S00-5622	300	4.6	76	100	25.60
S00-5623	362	4.6	102	100	29.17
S00-5624	521	4.6	152	100	35.09
S00-5625	681	4.6	203	100	42.42
S00-5626	838	4.6	254	100	48.28
S00-5627	201	7.9	50	50	13.06
S00-5628	362	7.9	76	50	18.84
S00-5629	521	7.9	152	50	23.42
S00-5630	681	7.9	203	50	27.80
S00-5631	838	7.9	254	50	31.82

TENSIONING TOOL FOR STAINLESS STEEL CABLE TIES



This application 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. The tool is easy to handle and far more reliable than trying to tension the ties by hand.



- Tough metal tool
- Operator controlled tensioning
- Cut off by pulling the hand lever

PART NO.	DESCRIPTION	PRICE
S00-5632	TENSIONING TOOL FOR STAINLESS STEEL TIES	84.05

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	38.39
S00-5634	5.3MM Ø HOLE - STAINLESS STEEL P MOUNTS PK100	38.39
S00-5635	6.3MM Ø HOLE - STAINLESS STEEL P MOUNTS PK100	38.39

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	21.54

STAINLESS STEEL FIRE CLIP FOR 25X16 MINI TRUNKING



The safest solution to securing cable within mini trunking. Supplied in packs of 50.

- Suitable for 25 x 16mm mini trunking
- Easy to apply without the need for a tool – simply fold the tabs to retain the cables
- Completely invisible once mounted within the trunking
- No. 8 (4mm Ø) fixing hole for securing the clip to the building fabric
- Manufactured from Stainless Steel 430 material
- Holds cables in position, even in the event of a fire
- The safest way of securing cables within mini trunking

Dimensions: 21mm (w) x 20mm (l).
Made from Grade 430 Stainless Steel (SS430)



PART NO.	DESCRIPTION	PRICE
S00-5637	FIRE CLIP FOR MINI TRUNKING PK50	14.95



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
T70-2532	4 WAY DATA DISTRIBUTION BOX	11.50
T70-2573	25MM GLANDS AND NUTS PKT 10	6.72
T70-2575	25MM L FIXING BRACKETS	2.07

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
T70-2533	6 WAY DATA DISTRIBUTION BOX	12.55
T70-2573	25MM GLANDS AND NUTS PKT 10	6.72
T70-2575	25MM L FIXING BRACKETS	2.07

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
T70-2534	8 WAY DATA DISTRIBUTION BOX	13.60
T70-2574	32MM GLANDS AND NUTS PKT 10	9.87
T70-2576	32MM L FIXING BRACKETS	2.07

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	6.50
T70-2578	20MM GLANDS AND NUTS PKT 10	6.25
T70-2577	20MM L FIXING BRACKETS	2.07

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	11.50
T70-2573	25MM GLANDS AND NUTS PKT 10	6.72
T70-2575	25MM L FIXING BRACKETS	2.07

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	27.27

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	0.26
T70-1219	A) 25MM NYLON P CLIP	0.30
T70-1221	B) 20MM NYLON P CLIP W RUBBER INSERT	0.58
T70-1222	B) 25MM NYLON P CLIP W RUBBER INSERT	0.65
T70-1223	B) 32MM NYLON P CLIP W RUBBER INSERT	0.82

'L' FIXING BRACKETS



PART NO.	DESCRIPTION	PRICE
T70-2577	20MM L FIXING BRACKETS	2.07
T70-2575	25MM L FIXING BRACKETS	2.07
T70-2576	32MM L FIXING BRACKETS	2.07

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.



**CARRIAGE
CHARGE POA**

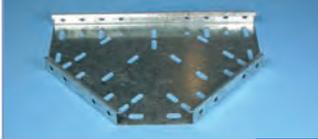
PART NO.	DESCRIPTION	PRICE
V07-8680	MEDIUM DUTY CABLE TRAY 100MM, 3M	10.00
V07-8681	MEDIUM DUTY CABLE TRAY 150MM, 3M	13.45
V07-8682	MEDIUM DUTY CABLE TRAY 225MM, 3M	16.77
V07-8683	MEDIUM DUTY CABLE TRAY 300MM, 3M	22.77

FLAT BEND 90°

PART NO.	DESCRIPTION	PRICE
V07-8684	FLAT BEND 90°, 100MM	7.03
V07-8685	FLAT BEND 90°, 150MM	9.33
V07-8686	FLAT BEND 90°, 225MM	8.90
V07-8687	FLAT BEND 90°, 300MM	12.63

FLAT BEND 45°

PART NO.	DESCRIPTION	PRICE
V07-8688	FLAT BEND 45°, 100MM	6.67
V07-8689	FLAT BEND 45°, 150MM	7.30
V07-8690	FLAT BEND 45°, 225MM	9.19
V07-8691	FLAT BEND 45°, 300MM	12.45

TEE

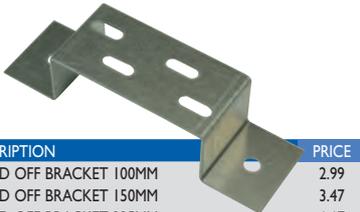
PART NO.	DESCRIPTION	PRICE
V07-8692	TEE 100MM	7.51
V07-8693	TEE 150MM	9.40
V07-8694	TEE 225MM	12.02
V07-8695	TEE 300MM	12.77

COUPLER

Supplied in pairs - 100-300mm pairs



PART NO.	DESCRIPTION	PRICE
V07-8712	COUPLER (ONE SIZE FITS ALL)	1.65

STAND OFF BRACKET

PART NO.	DESCRIPTION	PRICE
V07-8708	STAND OFF BRACKET 100MM	2.99
V07-8709	STAND OFF BRACKET 150MM	3.47
V07-8710	STAND OFF BRACKET 225MM	6.67
V07-8711	STAND OFF BRACKET 300MM	6.72

OUTSIDE BEND

PART NO.	DESCRIPTION	PRICE
V07-8696	OUTSIDE BEND 100MM	6.25
V07-8697	OUTSIDE BEND 150MM	7.51
V07-8698	OUTSIDE BEND 225MM	10.88
V07-8699	OUTSIDE BEND 300MM	14.98

INSIDE BEND

PART NO.	DESCRIPTION	PRICE
V07-8700	INSIDE BEND 100MM	6.25
V07-8701	INSIDE BEND 150MM	7.88
V07-8702	INSIDE BEND 225MM	10.88
V07-8703	INSIDE BEND 300MM	14.98

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	14.28
V01-1571	150MM BASKET 3M	15.85
V01-1572	200MM BASKET 3M	18.73
V01-1573	300MM BASKET 3M	24.20



CARRIAGE CHARGE POA

CENTRAL SUPPORT BRACKET

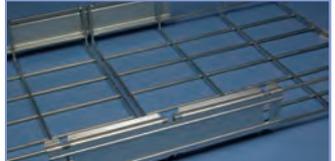
Suitable for 100mm and 150mm trays
(Sold individually) Should be purchased in pairs



PART NO.	DESCRIPTION	PRICE
V01-1574	CENT.SUPP.BRACK. EACH	0.37

FAST COUPLING

This fast coupling is a simple snap-fit and doesn't need any tooling.



PART NO.	DESCRIPTION	PRICE
V01-1575	FAST COUPLING	1.58

STAND OFF BRACKET



PART NO.	DESCRIPTION	PRICE
V01-1579	STAND OFF BRACKET	3.68

CONDUIT TAKE-OFF PLATE



PART NO.	DESCRIPTION	PRICE
V01-1578	TAKE-OFF PLATE	2.43

NUT BOLT AND CLAMP ASSEMBLY



PART NO.	DESCRIPTION	PRICE
V01-1577	NUT BOLT & CLAMP	0.58

FLOOR SUPPORT BRACKET



PART NO.	DESCRIPTION	PRICE
V01-1581	SUPP BRACK 200MM	6.78
V01-1582	SUPP BRACK 300MM	7.42

SUSPENSION SUPPORT BRACKET



PART NO.	DESCRIPTION	PRICE
V01-1576	SUSPENSION BRACK	1.43

WALL SUPPORT BRACKET



PART NO.	DESCRIPTION	PRICE
V01-1583	WALL SUPP BRACKET	2.21

CABLE MANAGEMENT



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	11.65
V07-1901	SLOTTED 41MM X 21MM	12.71
V07-1902	PLAIN 41MM X 41MM	13.07
V07-1903	SLOTTED 41MM X 41MM	16.28

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	6.41
V01-9832	WALL & CEILING SUPPORT 170 X 200MM	9.72
V01-9833	WALL & CEILING SUPPORT 170 X 300MM	10.51

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	4.46
V01-9835	WALL SUPPORT 170 X 200MM	5.75
V01-9836	WALL SUPPORT 170 X 300MM	7.10

Looking for screws and expansion plugs?

see page 387

**A. SPRING NUTS (ZEBEDES)**

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	0.17
V07-1908	A) M10 SHORT SPRING NUT	0.19
V07-1909	A) M6 LONG SPRING NUT	0.17
V07-1910	A) M8 LONG SPRING NUT	0.19
V07-1911	A) M10 LONG SPRING NUT	0.21
V07-1904	B) 41MM X 21MM ENDS	0.21
V07-1905	B) 41MM X 41MM ENDS	0.23
V07-1921	C) SPACER	1.00
V07-1922	D) M10X25 BOLT - PKT 10	0.65

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	0.76
R02-2241	(A) M8 FULLNUT PKT 100	1.32
R02-2242	(A) M10 FULLNUT PKT 100	2.54
R02-2243	(B) M6 X 25MM WASHER PKT 100	1.86
R02-2244	(B) M8 X 25MM WASHER PKT 100	2.18
R02-2245	(B) M10 X 25MM WASHER PKT 100	2.62
R02-2246	(C) M6 STUDDING 3M LENGTH	1.52
R02-2247	(C) M8 STUDDING 3M LENGTH	2.09
R02-2248	(C) M10 STUDDING 3M LENGTH	3.48

ANGLE FITTINGS 1

PART NO.	DESCRIPTION	PRICE
V07-9703	ANGLE FITTING 1	0.39

ANGLE FITTINGS 2

PART NO.	DESCRIPTION	PRICE
V07-9704	ANGLE FITTING 2	1.22

ANGLE FITTINGS 3

PART NO.	DESCRIPTION	PRICE
V07-9705	ANGLE FITTING 3	1.23

ANGLE FITTINGS 4

PART NO.	DESCRIPTION	PRICE
V07-9706	ANGLE FITTING 4	0.78

ANGLE FITTINGS 5

PART NO.	DESCRIPTION	PRICE
V07-9707	ANGLE FITTING 5	2.24

FLAT FITTINGS 1

PART NO.	DESCRIPTION	PRICE
V07-9708	FLAT FITTING 1 M6	0.17
V07-9709	FLAT FITTING 1 M8	0.17
V07-9710	FLAT FITTING 1 M10	0.17

FLAT FITTINGS 2

PART NO.	DESCRIPTION	PRICE
V07-9711	FLAT FITTING 2	0.95

FLAT FITTINGS 3

PART NO.	DESCRIPTION	PRICE
V07-9712	FLAT FITTING 3	1.72

FLAT FITTINGS 4

PART NO.	DESCRIPTION	PRICE
V07-9713	FLAT FITTING 4	0.58

FLAT FITTINGS 5

PART NO.	DESCRIPTION	PRICE
V07-9714	FLAT FITTING 5	0.70

FLAT FITTINGS 6

PART NO.	DESCRIPTION	PRICE
V07-9715	FLAT FITTING 6	0.95

CHANNEL BASE 1

PART NO.	DESCRIPTION	PRICE
V07-9716	CHANNEL BASE 1	2.52

CHANNEL BASE 2

PART NO.	DESCRIPTION	PRICE
V07-9717	CHANNEL BASE 2	4.00

Z AND U SHAPE FITTING 1

PART NO.	DESCRIPTION	PRICE
V07-9718	Z AND U SHAPE 1	1.51

Z AND U SHAPE FITTING 2.

PART NO.	DESCRIPTION	PRICE
V07-9719	Z AND U SHAPE 2	1.92

Z AND U SHAPE FITTING 3

PART NO.	DESCRIPTION	PRICE
V07-9720	Z AND U SHAPE 3	1.15

BEAM CLAMP 1

PART NO.	DESCRIPTION	PRICE
V07-9721	BEAM CLAMP 1	1.83

BEAM CLAMP 2

PART NO.	DESCRIPTION	PRICE
V07-9722	BEAM CLAMP 2	1.90

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	15.77
V07-8651	GALVANISED TRUNKING 75 X 75MM, 3M	24.33
V07-8652	GALVANISED TRUNKING 100 X 100MM, 3M	29.43
V07-8653	GALVANISED TRUNKING 150 X 150MM, 3M	58.18

A**TOP LID 90° BENDS**

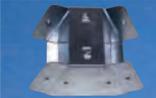
Other access style
models available
on request



PART NO.	DESCRIPTION	PRICE
V07-8654	GALVANISED TOP LID 90° BEND 50 X 50MM	6.17
V07-8655	GALVANISED TOP LID 90° BEND 75 X 75MM	7.33
V07-8656	GALVANISED TOP LID 90° BEND 100 X 100MM	8.22
V07-8657	GALVANISED TOP LID 90° BEND 150 X 150MM	13.58

TOP LID 45° BENDS

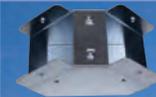
PART NO.	DESCRIPTION	PRICE
V07-8658	GALVANISED TOP LID 45° BEND 50 X 50MM	6.17
V07-8659	GALVANISED TOP LID 45° BEND 75 X 75MM	7.33
V07-8660	GALVANISED TOP LID 45° BEND 100 X 100MM	8.22
V07-8661	GALVANISED TOP LID 45° BEND 150 X 150MM	13.58

INTERNAL BEND 45°

PART NO.	DESCRIPTION	PRICE
V07-1352	GALVANISED INTERNAL 45° BEND 50 X 50MM	6.15
V07-1353	GALVANISED INTERNAL 45° BEND 75 X 75MM	7.00
V07-1354	GALVANISED INTERNAL 45° BEND 100 X 100MM	7.27
V07-1355	GALVANISED INTERNAL 45° BEND 150 X 150MM	11.50

EXTERNAL BEND 45°

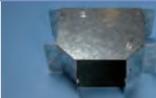
PART NO.	DESCRIPTION	PRICE
V07-1356	GALVANISED EXTERNAL 45° BEND 50 X 50MM	6.15
V07-1357	GALVANISED EXTERNAL 45° BEND 75 X 75MM	6.80
V07-1358	GALVANISED EXTERNAL 45° BEND 100 X 100MM	7.27
V07-1359	GALVANISED EXTERNAL 45° BEND 150 X 150MM	11.50

INTERNAL BEND 90°

PART NO.	DESCRIPTION	PRICE
V07-1360	GALVANISED INTERNAL 90° BEND 50 X 50MM	6.15
V07-1361	GALVANISED INTERNAL 90° BEND 75 X 75MM	7.72
V07-1362	GALVANISED INTERNAL 90° BEND 100 X 100MM	8.25
V07-1363	GALVANISED INTERNAL 90° BEND 150 X 150MM	11.50

EXTERNAL BEND 90°

PART NO.	DESCRIPTION	PRICE
V07-1364	GALVANISED EXTERNAL 90° BEND 50 X 50MM	6.15
V07-1365	GALVANISED EXTERNAL 90° BEND 75 X 75MM	7.72
V07-1366	GALVANISED EXTERNAL 90° BEND 100 X 100MM	8.25
V07-1367	GALVANISED EXTERNAL 90° BEND 150 X 150MM	13.17

TOP LID TEE

PART NO.	DESCRIPTION	PRICE
V07-8662	GALVANISED TOP LID TEE 50 X 50MM	6.65
V07-8663	GALVANISED TOP LID TEE 75 X 75MM	7.67
V07-8664	GALVANISED TOP LID TEE 100 X 100MM	8.61
V07-8665	GALVANISED TOP LID TEE 150 X 150MM	15.20

INTERSECTION

PART NO.	DESCRIPTION	PRICE
V07-8666	GALVANISED INTERSECTION 50 X 50MM	8.20
V07-8667	GALVANISED INTERSECTION 75 X 75MM	9.71
V07-8668	GALVANISED INTERSECTION 100 X 100MM	17.10
V07-8669	GALVANISED INTERSECTION 150 X 150MM	22.03

BLANK END

PART NO.	DESCRIPTION	PRICE
V07-8670	GALVANISED BLANK 50 X 50MM	1.33
V07-8671	GALVANISED BLANK 75 X 75MM	1.47
V07-8672	GALVANISED BLANK 100 X 100MM	1.68
V07-8673	GALVANISED BLANK 150 X 150MM	2.85

SUSPENSION HANGER

PART NO.	DESCRIPTION	PRICE
V07-8674	GALVANISED HANGER 50 X 50MM	3.58
V07-8675	GALVANISED HANGER 75 X 75MM	4.04
V07-8676	GALVANISED HANGER 100 X 100MM	5.78
V07-8677	GALVANISED HANGER 150 X 150MM	6.49

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	2.36
V01-4057	25MM RIGID CABLE PROTECTOR 3M	5.20
V01-4058	40MM RIGID CABLE PROTECTOR 3M	7.20
V01-4059	55MM RIGID CABLE PROTECTOR 3M	7.74

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	25.55
R02-7705	CABLE BRAID 18-25MM 50M GREY	26.74
R02-7706	CABLE BRAID 22-30MM 25M GREY	28.13
R02-7707	CABLE BRAID 26-35MM 25M GREY	32.07
R02-7708	CABLE BRAID 35-45MM 25M GREY	35.25
R02-4247	CABLE BRAID 40-60MM 25M GREY	36.95
R02-9010	CABLE BRAID 12-20MM 50M BLACK	25.55
R02-9011	CABLE BRAID 18-25MM 50M BLACK	26.74
R02-9012	CABLE BRAID 22-30MM 25M BLACK	28.13
R02-9013	CABLE BRAID 26-35MM 25M BLACK	32.07
R02-9014	CABLE BRAID 35-45MM 25M BLACK	35.25
R02-4248	CABLE BRAID 40-60MM 25M BLACK	36.95

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	7.13
R02-2421	SIZE 2 SPIRAL WRAP 25M	9.73
R02-2422	SIZE 3 SPIRAL WRAP 20M	11.27

BRAIDED SLEEVING CUTTER

A hot wire cutting machine which cuts and welds all sizes of braided sleeving, allowing two-handed operation. The 100mm hot wire is heated to 400°C and welds ends as it cuts, preventing fraying. Spare elements are available in packs of 10.



PART NO.	DESCRIPTION	PRICE
R02-8362	BRAIDED SLEEVING CUTTING MACHINE	176.92
R02-8363	SPARE ELEMENTS FOR SLEEVING CUTTER	34.63

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.

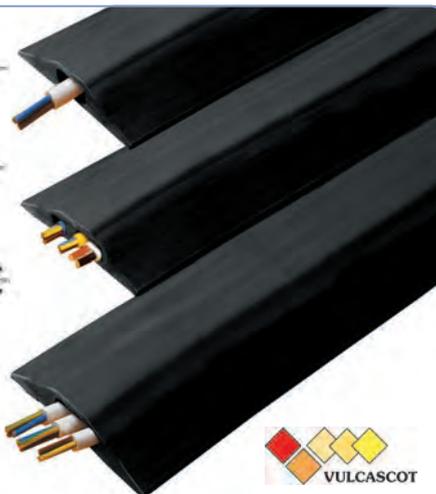


PART NO.	DESCRIPTION	PRICE
R02-7005	20MM SPIRAL BIND 30M	60.44
R02-7006	25MM SPIRAL BIND 20M	76.58
R02-7007	APPLICATOR TOOL FOR ABOVE	4.88

TRADITIONAL CABLE PROTECTOR

Snap fit rubber cable protector is the ideal solution to the problem of loose trailing cables in any indoor environment. The profiles feature a unique membrane in the base. Simply "snap" open, push in the cables and lay the protector on the floor.

- Essentially halogen free
- Fire retardant to BS476 Part 7, Class 3 and European equivalent DIN 4102 Part 1 and Class B1
- Low smoke, non-toxic and low fume emission levels in the event of fire
- UV stabilised for extended life
- Tested for non-conductivity to BS903-CS, 500V

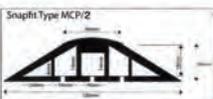
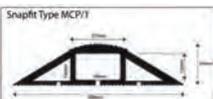
STANDARD TYPE**TYPE B****TYPE BNC2**

PART NO.	DESCRIPTION	PRICE
W04-7826	SNAP FIT TYPE STANDARD BLACK, 3M	18.27
W04-7827	SNAP FIT TYPE STANDARD BLACK, 9M	54.77
W04-7828	SNAP FIT TYPE B BLACK, 3M	26.63
W04-7829	SNAP FIT TYPE B BLACK, 9M	79.87
W04-7830	SNAP FIT TYPE BNC2 BLACK, 3M	53.67
W04-7831	SNAP FIT TYPE BNC2 BLACK, 9M	95.08

SNAP FIT MULTI COMPARTMENT

Multi Compartment Snap Fit Cable Protectors for a safe and tidy environment.

- Unique non-slip top
- Snaps open for fast and simple installation
- Manufactured from a special elastomer rubber/flexible, rugged and hard wearing
- Low lying profile geometry
- Can be relaid as required.

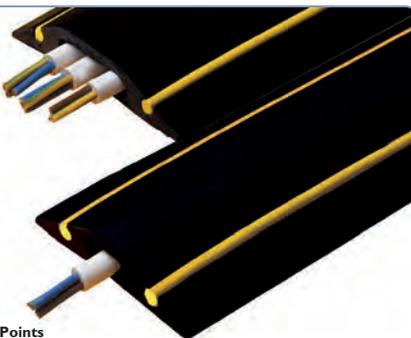
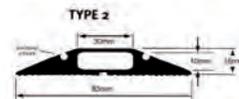
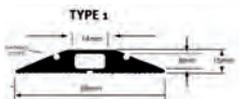


PART NO.	DESCRIPTION	PRICE
W04-9420	SNAP FIT TYPE MCP/1 BLACK 3M	42.15
W04-9421	SNAP FIT TYPE MCP/1 BLACK 9M	116.72
W04-9422	SNAP FIT TYPE MCP/2 BLACK 3M	58.38
W04-9423	SNAP FIT TYPE MCP/2 BLACK 4.5M	90.03

HIGH VISIBILITY CABLE PROTECTORS FOR A SAFER AND TIDIER WORKPLACE

This striking range enhances safety at work. A highly visible, safe and tidy solution for a hazard free environment.

- Eye catching warning stripes running along each side of the profile for maximum visibility.
- Prevents accidents caused by loose cables
- Unique "snap open" feature for fast and simple installation
- Housing one or more cables in various combinations
- Manufactured from a special compound elastomer rubber – flexible, rugged and hard wearing
- Low lying profile geometry
- Can be relaid as required



PART NO.	DESCRIPTION	PRICE
W04-9424	HIGH VIS TYPE 1 BLACK 3M	23.72
W04-9425	HIGH VIS TYPE 1 BLACK 9M	60.52
W04-9426	HIGH VIS TYPE 2 BLACK 3M	33.03
W04-9427	HIGH VIS TYPE 2 BLACK 9M	99.10

Technical Points

- Low smoke, non toxic and low fume emission levels in the event of fire
- Produced from a fire retardant compound to BS 476 Part 7 Class 3 and European equivalent DIN 4102 Part 1 and Class B1
- Tested for non-conductivity to BS903-C5 500V
- UV stabilised for extended life
- Produced in accordance with ISO9002

SERIES 2 MARSHALL TUFFLEX DOUBLE SIDED POWER POLES

Second generation Marshall Tufflex Power Poles, with smart elliptical shape with double sided hinged flaps concealing 14 accessory boxes with accommodation for a further 14. The Series 2 Poles are available in anodised aluminium or white and are supplied 3.6m in length.

As with the standard Poles (shown right), for exceptionally high ceilings or voids an extended adjusting slide is available which increases the pole length by 1m.

The pole dimensions are 140mm width x 229mm depth x 3.6m high



“ FOR EXTRA HIGH CEILINGS, WE CAN OFFER AN EXTENDED ADJUSTING SLIDE WHICH WILL INCREASE THE LENGTH TO OVER 4.5 METRES ”

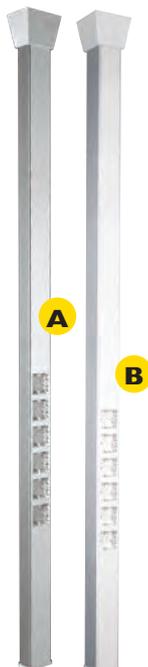


POWER POLES

Our range of two high quality Power Poles, with all anodised aluminium body and fully adjustable white UPVC sides. Both poles are supplied at a length of 3.6m which can be easily shortened to fit the job. For exceptionally high ceilings or voids an extended adjusting slide is available and compatible with both poles. This increases the length of the pole by 1 metre. Both poles are supplied complete with six 30mm deep Accessories Boxes which can be mounted at any height.

The Pole Dimensions

- A) Size 1 Power Pole 63mm deep x 102 mm wide x 3.6 m high.
- B) Size 2 Power Pole 98mm deep x 102 mm wide x 3.6m high.



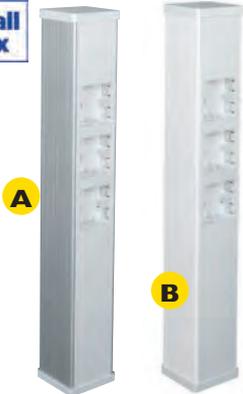
PART NO.	DESCRIPTION	PRICE
V81-9502	(A) SERIES 2 POWER POLES WHITE	510.46
V81-9503	(B) SERIES 2 POWER POLES ALUMINIUM	510.46
V81-8111	(C) EXTENDED ADJUSTING SLIDE 1.15M	29.40
V81-8106	ADDITIONAL 30MM ACCESSORY BOX	2.15

PART NO.	DESCRIPTION	PRICE
V81-8109	(A) SIZE 1 POWER POLE 63 X 102MM	241.85
V81-8110	(B) SIZE 2 POWER POLE 98 X 102 MM	258.65
V81-8111	(C) EXTENDED ADJUSTING SLIDE 1.15M	29.40
V81-8106	ADDITIONAL 30MM ACCESSORY BOX	2.15

CABLE MANAGEMENT

TRADITIONAL MARSHALL TUFFLEX POWER POST

Traditional Power Post ideal for providing power and data to under desk location. The post is supplied as standard at a height of 692mm, but can be cut and tailored to suit most locations. The power post is supplied with 6 accessory boxes and available in anodised aluminium or white finish.



PART NO.	DESCRIPTION	PRICE
V81-9488	A) ALUMINIUM POWER POST	99.41
V81-9489	B) WHITE POWER POST	99.73
V81-8106	ADDITIONAL 30MM ACCESSORY BOX	2.15

SERIES 2 DOUBLE SIDED MARSHALL TUFFLEX POWER POST

The series 2 Power Post has a stylish elliptical design with double sided hinged flaps concealing 14 accessory boxes. The unit stands 838mm in height but can be cut and tailored to suit most under desk applications. The Power Post is available in aluminium and white.



PART NO.	DESCRIPTION	PRICE
V81-9490	A) SERIES 2 ALUMINIUM POWER POST	185.95
V81-9491	B) SERIES 2 WHITE POWER POST	185.95
V81-8106	ADDITIONAL 30MM ACCESSORY BOX	2.15



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	0.60
T70-2165	1 GANG 32MM BACK BOX	0.65
T70-2166	2 GANG 32MM BACK BOX	1.02
T70-2167	1 GANG 42MM BACK BOX	1.28
T70-2168	2 GANG 42MM BACK BOX	1.68

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	1.05
T70-2567	2 GANG BACK BOX SELF ADHESIVE	1.63

SURFACE MOUNTED SINGLE AND TWIN GANG SHROUDED ENTRY BOXES

Designed for use with Marshall-Tufflex Mini Trunking (see page 142).

The extended base with side entry enables maximum space to be available within the box.

Offers speedy and neat installation particularly in the case of refurbishment where minimum disruption to the building fabric is required.

Overall depth 35mm.



PART NO.	DESCRIPTION	PRICE
V81-8115	SHROUDED BACK BOX 1 GANG	2.08
V81-8116	SHROUDED BACK BOX 2 GANG	3.71

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	2.07
V81-1140	MMT2 MINI TRUNK BOX 2 GANG 32MM	3.64
V01-1141	MMT4 MINI TRUNK BOX 1 GANG 32MM	2.07

FLUSH MOUNTING DRY LINING BOXES

34mm and 47mm depth available

1 and 2 gang and adjustable 6-14mm

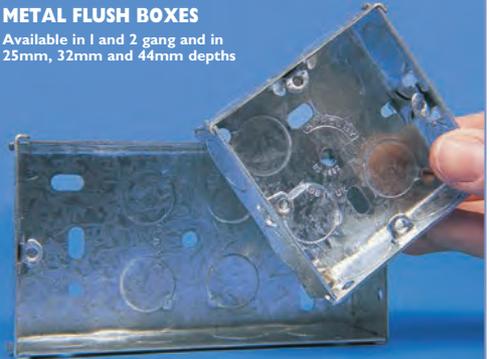
• For installations in plaster board & false wall environments.



PART NO.	DESCRIPTION	PRICE
V81-8113	1 GANG DRY LINING BOX 34MM	0.53
V81-8114	2 GANG DRY LINING BOX 34MM	1.01
V01-8745	1 GANG DRY LINING BOX 47MM	0.98
V01-8746	2 GANG DRY LINING BOX 47MM	1.52

METAL FLUSH BOXES

Available in 1 and 2 gang and in 25mm, 32mm and 44mm depths



PART NO.	DESCRIPTION	PRICE
V01-2304	1 GANG 25MM FLUSH BOX	0.40
V01-2305	2 GANG 25MM FLUSH BOX	0.52
V01-2306	1 GANG 32MM FLUSH BOX	0.62
V01-2307	2 GANG 32MM FLUSH BOX	0.84
V01-8747	1 GANG 44MM FLUSH BOX	0.74
V01-8748	2 GANG 44MM FLUSH BOX	0.83

BACK BOXES (30MM DEEP) FOR MAXI TRUNKING

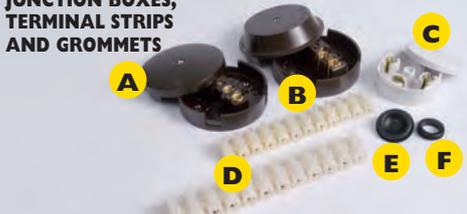
PART NO.	DESCRIPTION	PRICE
V81-8082	MAXI BACK BOX SINGLE GANG	2.35
V81-8081	MAXI BACK BOX DOUBLE GANG	3.56

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	5.53
Q69-9934	B) 2 GANG SOCKET OUTLET CHROME	6.91
Q69-9935	A) 1 GANG SOCKET OUTLET SATIN CHROME	6.29
Q69-9936	B) 2 GANG SOCKET OUTLET SATIN CHROME	8.24

JUNCTION BOXES, TERMINAL STRIPS AND GROMMETS

PART NO.	DESCRIPTION	PRICE
R02-7709	A) 15/20A JUNC. BOX 4 TERM	1.27
R02-7710	B) 20A JUNC. BOX 4 TERM	1.84
R02-7711	C) 30A JUNC. BOX 3 TERM	2.21
R02-7712	D) TERMINAL STRIP 15A	1.21
R02-7713	D) TERMINAL STRIP 30A	1.79
R02-2279	E) 20MM BLACK CLOSED GROMMET (PKT 100)	2.25
R02-2280	E) 25MM BLACK CLOSED GROMMET (PKT 100)	8.78
R02-2281	F) 20MM BLACK OPEN GROMMET (PKT 100)	6.56
R02-2282	F) 25MM BLACK OPEN GROMMET (PKT 100)	9.09

ELECTRICAL CABLE 6242Y TWIN AND EARTH

- Available in 50M & 100M drums white 1.0mm², 1.5mm², 2.5mm², 4.0mm² and 6.0mm²



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
R02-7714	1.0MM ² TWIN AND EARTH 100M
R02-7715	1.5MM ² TWIN AND EARTH 100M
R02-7716	2.5MM ² TWIN AND EARTH 100M
P89-1366	4MM ² TWIN AND EARTH 50M
P89-1364	6MM ² TWIN AND EARTH 50M

**RING SALES FOR
SPECIAL
PRICES**
OR VISIT
milstd.com

For a greater range of faceplates?

see page 46

**STANDARD SWITCHED SOCKET OUTLETS**

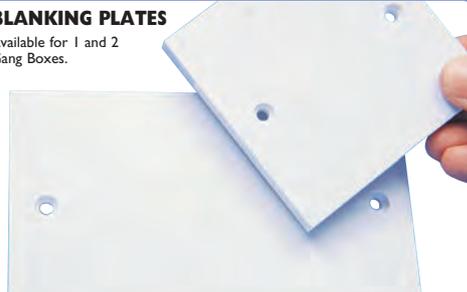
Available in 1 and 2 Gang



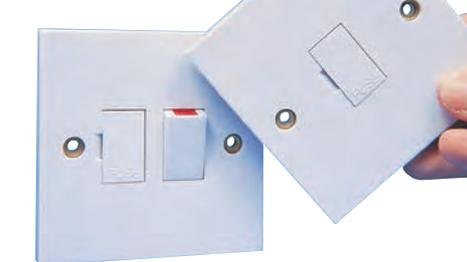
PART NO.	DESCRIPTION	PRICE
V01-2322	1 GANG SWITCHED SOCKET OUTLET	2.13
V01-2323	2 GANG SWITCHED SOCKET OUTLET	2.87

BLANKING PLATES

Available for 1 and 2 Gang Boxes.



PART NO.	DESCRIPTION	PRICE
V01-2324	1 GANG BLANKING PLATE	0.45
V01-2325	2 GANG BLANKING PLATE	0.80

SWITCHED & UNSWITCHED FUSED SPURS

PART NO.	DESCRIPTION	PRICE
V01-2326	1 GANG SWITCHED FUSED SPUR	5.26
V01-2327	1 GANG UNSWITCHED FUSED SPUR	4.16

METAL CLAD 40MM BACKBOX

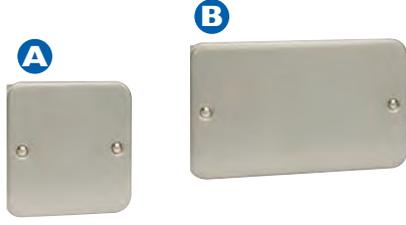
Electrophoretically coated back boxes provide a durable and long lasting heavy duty finish.



PART NO.	DESCRIPTION	PRICE
Q69-4613	A) 1 GANG BACKBOX	1.65
Q69-4614	B) 2 GANG BACKBOX	2.42

METAL CLAD BLANKING PLATE

Electrophoretically coated faceplates provide a durable and long lasting heavy duty finish.



PART NO.	DESCRIPTION	PRICE
Q69-4611	A) 1 GANG BLANKING PLATE	0.55
Q69-4612	B) 2 GANG BLANKING PLATE	0.82

METAL CLAD FACEPLATE WITH 40MM BACKBOX

Electrophoretically coated faceplate and backbox provides a durable and long lasting heavy duty finish.

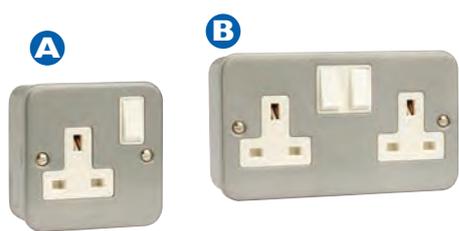


PART NO.	DESCRIPTION	PRICE
Q69-4621	A) 1 GANG FACEPLATE & BACKBOX	2.50
Q69-4622	B) 2 GANG FACEPLATE & BACKBOX	3.60

13A UK SOCKET OUTLETS WITH 40MM BACKBOX

Electrophoretically coated 13A UK socket outlet and backbox provides a durable and long lasting heavy duty finish. Available as:

- A) 13A 1 Gang DP Switched Socket Outlet.
B) 13A 2 Gang DP Switched Socket Outlet (Twin Earth).

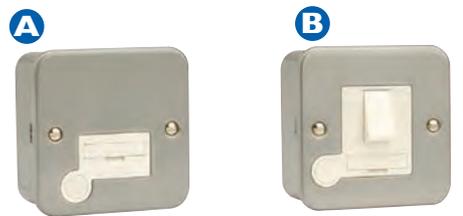


PART NO.	DESCRIPTION	PRICE
Q69-4615	A) 1 GANG 13A UK & BACKBOX	4.30
Q69-4616	B) 2 GANG 13A UK & BACKBOX	6.70

METAL CLAD FUSED CONNECTION UNITS WITH 40MM BACKBOX

Electrophoretically coated fused connection unit (with optional flex outlet) and backbox provides a durable and long lasting heavy duty finish. Available as:

- A) 3A Fused Connection Unit
B) 13A Double Pole Switched Fused Connection Unit



PART NO.	DESCRIPTION	PRICE
Q69-4617	A) 3A FUSED	3.80
Q69-4618	B) 13A DOUBLE POLE SWITCHED FUSED	4.92

METAL CLAD TELEPHONE & COAX SOCKET OUTLETS WITH 40MM BACKBOX

Electrophoretically coated fused socket outlet and backbox provides a durable and long lasting heavy duty finish. Available as:

- A) Single Telephone Master Socket Outlet
B) Single Isolated Coaxial Plate



PART NO.	DESCRIPTION	PRICE
Q69-4619	A) TELEPHONE OUTLET & BACKBOX	6.75
Q69-4620	B) COAX OUTLET & BACKBOX	4.30

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	27.67
V07-9845	ADDITIONAL 13AMP TWIN PLATE	14.25
V07-9846	ADDITIONAL 6 WAY DATA PLATE	3.33

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	59.57
V01-7702	TWIN 13 AMP SOCKET OUTLET	6.95
V01-7703	BLANK PLATE 3 COMPARTMENT	2.17
V01-7704	6 WAY LJ6 (6C) DATA PLATE	3.67
V01-7705	8 WAY LJ6 (6C) DATA PLATE	5.98
V01-7706	EUROMOD PLATE	7.03
V01-7707	TWIN FACE PLATE	4.09

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	11.40

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	20.40

AIR BLOCKS

A range of 3 sealable grommets especially designed for raised floor applications, optimising thermal management of data rooms. Manufactured from high strength flame retardant ABS and available in 3 options:

- A) A smart round split grommet with seal – requires a cut out size of 150mm, depth 42mm.
- B) Identical to the above grommet but with brush instead of a gasket seal, cut out size 150mm, depth 42mm.
- C) A smart rectangular split grommet with gasket seal, requires a cut out size of 200 x 110mm, depth 42mm.

Colour: Black.



PART NO.	DESCRIPTION	PRICE
R06-1148	A) ROUND AIR BLOCK WITH GASKET SEAL	17.69
R06-3885	B) ROUND AIR BLOCK WITH BRUSH SEAL	23.82
R06-3886	C) RECT.AIR BLOCK WITH GASKET SEAL	21.95

AIR GUARDS

A range of rectangular brush grommets especially designed for raised floor applications, optimising thermal management of data rooms. Manufactured from high strength flame retardant ABS and available in 3 options:

- A) Integral Air Guard
 - Cutout sizes:
 - Within floor panel = 265 x 115mm
 - Panel edge: 265 x 135mm
 - Cable opening size: 230 x 65mm
 - Overall size: 328 x 162mm
- B) Extreme Air Guard
 - Cutout sizes:
 - Within floor panel = 230 x 165mm
 - Overall dimensions: 275 x 210 x 40mm
 - Cable opening size: 180 x 120mm
- C) Retrofit Air Guard
 - Cutout sizes:
 - Within floor panels = 200 x 200mm
 - Overall dimension: 255 x 255 x 25mm

Colour: Black.



PART NO.	DESCRIPTION	PRICE
R06-1147	A) INTEGRAL AIR GUARD	43.75
R06-3887	B) EXTREME AIR GUARD	49.89
R06-3888	C) RETROFIT AIR GUARD	44.58

CIRCULAR CABLE GROMMETS

Manufactured from flame retardant high impact ABS - available in 75mm, 102mm & 127mm diameter - black or grey:

- A) 75mm Circular Cable Grommet - 38mm depth adjustable cable mouth.
- B) 102mm cut out Circular Cable Grommet - 38mm depth - 15x60mm adjustable cable mouth.
- C) 127mm Circular Cable Grommet - 38mm depth - 15x70mm adjustable cable mouth.



PART NO.	DESCRIPTION	PRICE
R06-7000	A) 75MM CABLE GROMMET BLACK	4.18
R06-7001	A) 75MM CABLE GROMMET GREY	4.18
R06-3889	B) 102MM CABLE GROMMET BLACK	5.71
R06-3890	B) 102MM CABLE GROMMET GREY	4.95
R06-2295	C) 127MM CABLE GROMMET BLACK	6.34
R06-2296	C) 127MM CABLE GROMMET GREY	6.34

MULTI FUNCTIONAL AND PERIMETER FLOOR GROMMET

Manufactured from high impact ABS, supplied in black, white available on request.

- A) Perimeter Floor Grommet – ideal for smart appearance by fitting flush against floor panel – cut out size indication 155x127mm – 35x75mm adjustable cable mouth.
- B) Multifunctional Floor Grommet – Overall dimension 140mm diameter, cut out 127mm with lock-in feet to secure grommet to surface. The lid also is tethered to the grommet perimeter. The grommet can be supplied with 80mm power and data plates - these are shown in the description box (C, D, and E) and need to be purchased separately.



PART NO.	DESCRIPTION	PRICE
R06-3891	A) PERIMETER FLOOR GROMMET	8.85
R06-3892	B) MULTIFUNCTIONAL FLOOR GROMMET	6.14
R06-3895	C) POWER & DATA PLATE ADAPTOR	13.76
R06-3893	D) POWER PLATE ADAPTOR	12.85
R06-3894	E) 2X DATA PLATE ADAPTOR	4.35

LARGE FORMAT FLOOR GROMMET 209MM OUTER DIAMETER

Manufactured from high impact ABS and available with removable cable segments or with brush insert, supplied in black, white available on request.

- A) Large Format Grommet 209mm (cut out) with removable cable segments – 233mm overall dimension.
B) Large Format Grommet 209mm (cut out) with sealable brush insert – 233mm overall dimension.



PART NO.	DESCRIPTION	PRICE
R06-3896	A) GROMMET (REMOVABLE CABLE SEGMENTS)	13.10
R06-3897	B) GROMMET (BRUSH)	34.60

BRUSH PROFILE

A pre-drilled brush strip, ideal for sealing and finishing rack and flooring areas. Supplied in 600x75mm length. Available in black.



PART NO.	DESCRIPTION	PRICE
R06-3898	BRUSH PROFILE	25.75

Holesaws

see page 257



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	2.37
V01-9859	IP56 ENCLOSURE 15W X 11D X 7H CM	3.68
V01-9860	IP56 ENCLOSURE 19W X 14D X 7H CM	7.41
V01-9861	IP56 ENCLOSURE 24W X 19D X 9H CM	11.05
V01-9862	IP56 ENCLOSURE 30W X 22D X 12H CM	20.71

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	0.68
R07-9888	IP68 CABLE GLANDS M20 BLACK	0.73
R07-9889	IP68 CABLE GLANDS M25 BLACK	0.94
R07-0401	IP68 CABLE GLANDS M16 WHITE	0.68
R07-0402	IP68 CABLE GLANDS M20 WHITE	0.73
R07-0403	IP68 CABLE GLANDS M25 WHITE	0.94

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	22.38
E72-7700	B) CATENARY WIRE CUTTER	11.10

50M X 3MM CATENARY WIRE AND 8MM TAD HOOK/EYE (TURNBUCKLE)

PART NO.	DESCRIPTION	PRICE
R02-7020	(A) 50M X 3MM CATENARY WIRE	13.86
R02-7021	(B) TAD HOOK/EYE TURNBUCKLE	3.28

M8 EYEBOLT

PART NO.	DESCRIPTION	PRICE
R02-7024	M8 EYEBOLT	3.21

50MM HOOK PLATES

Available open or closed



PART NO.	DESCRIPTION	PRICE
R02-7022	(A) 50MM HOOK PLATE OPEN	2.34
R02-7023	(B) 50MM HOOK PLATE CLOSED	2.20

3MM WIRE GRIPS AND 3MM WIRE THIMBLES

Supplied individually



PART NO.	DESCRIPTION	PRICE
R02-7026	(A) 3MM WIRE GRIPS EACH	0.54
R02-7027	(B) 3MM WIRE THIMBLES EACH	0.54

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”

INTUMESCENT WRAPS

A range of foil-clad intumescent wraps for use around pipes or cables in brick or block walls and in concrete floors. When attacked by fire, the wraps will crush PVC pipes as they melt, filling the hole and preventing the passage of fire and smoke. Tested to BS476 Part 22 (1987) and offering up to 4 hours protection.

Pipe size Internal Diameter	Wrap Internal Diameter	Wrap External Diameter
50mm	55mm	63mm
75mm	90mm	102mm
100mm	115mm	131mm



PART NO.	DESCRIPTION	PRICE
S00-7912	INTUMESCENT WRAPS 50MM	4.41
S00-7913	INTUMESCENT WRAPS 75MM	7.09
S00-7914	INTUMESCENT WRAPS 100MM	7.30

INTUMESCENT PADS

Intumescent pads have self-adhesive tape backing and are designed to fit inside steel, UPVC and PVC trunking where it passes through fire barrier walls or floors, enabling access at all times to the cables. In a fire the pads expand, filling the trunking to stop the passage of fire for up to 3 hours.

Choose pads by the size trunking they are to fit. 50mm x 50mm trunking would use one pad, 75mm x 50mm should be fitted with two pads and 150mm upwards uses three pads. Pads are supplied in pairs or sets of three as appropriate. For multi-section trunking use pads of appropriate size for each section.



PART NO.	DESCRIPTION	PRICE
S00-7917	INTUMESCENT PADS FOR 50MM X 50MM	3.39
S00-7918	INTUMESCENT PADS FOR 75MM X 75MM	4.94
S00-7919	INTUMESCENT PADS FOR 75MM X 50MM	4.04
S00-7920	INTUMESCENT PADS FOR 100MM X 100MM	5.23
S00-7921	INTUMESCENT PADS FOR 100MM X 50MM	5.03
S00-7922	INTUMESCENT PADS FOR 150MM X 50MM	6.93

INTUMESCENT FIRE AND SMOKE PILLOWS

Pillows are made from a hard wearing glass cloth, filled with a fire-proof sponge and intumescent material. The pillows are soft and pliable, enabling them to be packed into gaps around pipes, cables and over cable trays. They can fit any size opening and can be easily fitted or removed.

For sizes other than those listed, please call the Sales Office on 020 8833 2626



PART NO.	DESCRIPTION	PRICE
S00-7923	INTUMESCENT PILLOW 150 X 150 X 40MM	6.12
S00-7924	INTUMESCENT PILLOW 250 X 127 X 40MM	6.93
S00-7925	INTUMESCENT PILLOW 300 X 300 X 80MM	17.12

INTUMESCENT ACRYLIC MASTIC

A halon-free intumescent mastic with good adhesion to all materials, for filling gaps from 1mm to 60mm. After application a face skin forms allowing painting but stays permanently flexible. The mastic expands up to 5 times its size in a fire. Supplied in 310ml tubes.



PART NO.	DESCRIPTION	PRICE
S00-7926	INTUMESCENT MASTIC 310ML	3.20

PVE/A FOAM



A polyurethane foam emitting virtually no fumes or gases when affected by flame. The foam expands to 40 times its original volume on application and is ideal for filling around awkward openings and around services and behind door and window frames

PVE/A foam is supplied with a tube for easy application. PVE/A/G foam can be used with the industrial trigger gun for precise control.

PART NO.	DESCRIPTION	PRICE
S00-7927	PVE/A FOAM	22.25
S00-7929	PVE/A/G FOAM	19.95
S00-7928	INDUSTRIAL TRIGGER GUN	45.68

Tooling



Toolkits 174

Tool Storage 190

General Handtools 204

Cable Preparation
& Termination Tools 237

Power Tools 253

Cutting Tools 256

Ladders 260

Contractors Tools
& Site Equipment 264

Cable Handling 283

Safety Equipment 293



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

TOOLING



VAN KITS

BUILT TO YOUR SPECIFICATION
Send us your listing for a **FREE** quotation



Sales/Technical Support

tel: 020 8833 2626

fax: 020 8833 2600

ALL YOUR ESSENTIAL TOOLING

Together in one place

Tools are where we started, way back in 1918, and we still lead the way when it comes to putting together a collection of tools for a specific trade or craft.

Cases, kits, bags, wallets, pouches and chests – all your essential tooling presented in a practical, easily accessible way.



SERVICE ENGINEER'S TOOLKITS
See Pages 176-179



DATA & VOICE INSTALLER'S TOOLKITS
See Pages 180-183



COPPER JOINER'S TOOLKITS
See Pages 184



CATV TOOLKITS
See Pages 185



BLOWN FIBRE TOOLKITS
See Pages 79



FIBRE JOINER'S TOOLKITS
See Pages 83



FIBRE SPLICER'S TOOLKITS
See Pages 84-85



FIBRE INSPECTION KITS
See Pages 98-99



COLD CURE FIBRE TERMINATION TOOLKITS
See Pages 91



ELECTRICIAN'S TOOLKITS
See Pages 186

TOOLING



MILLS SERVICE ENGINEER'S TOOLKIT No.1

Completely updated for 2017, 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 Pein Hammer
 E22-6373 5m Tape Measure (16ft)
 K70-7869 Boat Level
 M14-5859 LED Pocket Light
 N72-6574 Retractable Knife
 N72-1002 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	107.85
A10-6132	B) SERVICE ENGINEER'S TOOLKIT No.1 - IN MILLS LAPTOP TOOL BAG	116.95
A10-6133	C) SERVICE ENGINEER'S TOOLKIT No.1 - IN MILLS TOOL BACKPACK	134.90
A10-6130	D) SERVICE ENGINEER'S TOOLKIT No.1 - IN MILLS EUROCASE	181.85



MILLS SERVICE ENGINEER'S TOOLKIT No.2

Completely updated for 2017, 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
- N72-1002** 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
- M99-5489** Mills Head Torch
- R99-1210** Insulation Tape
- S00-4729** Protective Work Mat
- T94-1119** Parts Box
- C71-6895** Sharpie Pen x 2



A



B



C



D

PART NO.	DESCRIPTION	PRICE
A10-6135	A) SERVICE ENGINEER'S TOOLKIT No.2 - IN MILLS UTILITY TOTE BAG	189.55
A10-6136	B) SERVICE ENGINEER'S TOOLKIT No.2 - IN MILLS TOOLBOX	183.95
A10-6137	C) SERVICE ENGINEER'S TOOLKIT No.2 - IN MILLS TOOL BACKPACK	211.70
A10-6134	D) SERVICE ENGINEER'S TOOLKIT No.2 - IN MILLS DEEP EUROCASE	272.80

TOOLING



MILLS SERVICE ENGINEER'S TOOLKIT No.3

Completely updated for 2017, 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	M99-5489	Mills Head Torch
F72-1003	Mains Test Screwdriver	R99-1210	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
N72-1002	Junior Hacksaw	K51-1006	Steel Rule 150mm
S26-1069	Safety Spectacles	M14-6915	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		



**ALL
NEW
FOR
2017**



PART NO.	DESCRIPTION	PRICE
A10-6139	A) SERVICE ENGINEER'S TOOLKIT No.3 - IN MILLS UTILITY TOTE BAG	260.10
A10-6140	B) SERVICE ENGINEER'S TOOLKIT No.3 - IN MILLS TOOLBOX	254.60
A10-6141	C) SERVICE ENGINEER'S TOOLKIT No.3 - IN MILLS TOOL BACKPACK	282.20
A10-6138	D) SERVICE ENGINEER'S TOOLKIT No.3 - IN MILLS DEEP EUROCASE	343.35

MILLS SERVICE ENGINEER'S TOOLKIT No.4

Completely updated for 2017, 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 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
- N72-1002 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
- M99-5489 Mills Head Torch
- R99-1210 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")
- M14-6915 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



TOOLING

PART NO.	DESCRIPTION	PRICE
A10-6144	A) SERVICE ENGINEER'S TOOLKIT No.4 - IN STANLEY FATMAX JOB CHEST	514.95
A10-6143	B) SERVICE ENGINEER'S TOOLKIT No.4 - IN STANLEY MOBILE WORK CENTRE	450.75
A10-6145	C) SERVICE ENGINEER'S TOOLKIT No.4 - IN MEGAWHEELS	600.45
A10-6142	D) SERVICE ENGINEER'S TOOLKIT No.4 - IN MILLS TOTE BAG & MILLS TOOLBOX	467.55

MILLS DATA INSTALLER HOLSTER KIT

Ensure the crucial tools for a data installation are by your side with the Mills Data Installer Holster Kit. The form-fitted, belt-clipped tool holster secures the tools inside, even when you bend over or lay down. An unloaded, empty tool holster is also available:

A

Loaded Holster.
Front view.



Loaded Holster.
Back view.



A) Includes:

- Kevlar scissors for cutting data cables
- Sharpie pen for labelling,
- 75mm x 5mm slotted screwdriver for fixing faceplates
- LED torch
- Krone style insertion tool
- Cyclops data cable stripper
- Tool holster

EMPTY HOLSTER AVAILABLE NOW



B

Empty Holster.
Front view.

PART NO.	DESCRIPTION	PRICE
A10-4805	A) DATA INSTALLER HOLSTER KIT	59.95
B29-4804	B) EMPTY HOLSTER	19.95

FLUKE NETWORKS PRO-TOOL™ KITS

All the professional tools you need to cut, strip, clean and connect network phone and data lines to blocks and jacks. Bundled together in our sleek form-fitting PVC Dur-a-Grip™ tool pouch—holds your tools securely inside, even upside down. Five tool kit combinations to choose from to meet a multitude of applications.

- All kits include ergonomically designed Dur-a-Grip pouch for convenient tool storage on belt
- D914™ and D814™ industry standard punchdown tools make for solid terminations
- Easy-to-use cable stripper quickly rings and slits many types of cable
- Cut and strip wire cleaner and faster with the Electrician's D-Snips



Pro-Tool Kit Model	IS60	IS50	IS40
D914S impact tool 66/110	✓	✓	
D814 impact tool 66/110			✓
Electrician's D-Snips	✓	✓	✓
Cable stripper	✓	✓	✓
Mini LED Flashlight	✓		
Dur-a-Grip pouch	✓	✓	✓
Probe pic			✓

PART NO.	DESCRIPTION	PRICE
I1291000	IS40 PRO-TOOL KIT	100.00
I1291400	PRO-TOOL KIT IS40 POUCH ONLY	27.00
I1292000	IS50 PRO-TOOL KIT	106.00
I1292400	PRO-TOOL KIT IS50 POUCH ONLY	27.00
I1293000	IS60 PRO-TOOL KIT	126.00
I1293400	PRO-TOOL KIT IS60 POUCH ONLY	27.00



MILLS DATA & VOICE TOOLKIT No.1

Completely updated for 2017, this entry level datacom toolkit includes 9 essential tools, available in three storage options: Mills Fibre Tool 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
- N70-7868 Cable Scissors
- T70-0599 Krone Style Insertion Tool
- C71-6895 Sharpie Pen Pack of 2



TOOLING

PART NO.	DESCRIPTION	PRICE
A10-6150	A) DATA & VOICE TOOLKIT No.1 - IN MILLS FIBRE TOOLBAG	74.95
A10-6151	B) DATA & VOICE TOOLKIT No.1 - IN MILLS TOOL & LAPTOP CASE	85.55
A10-6152	C) DATA & VOICE TOOLKIT No.1 - IN MILLS JUNIOR TOOLBAG	72.20



MILLS DATA & VOICE TOOLKIT No.2

Completely updated for 2017, 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	J72-1003	Cross Pein Pin Hammer
E68-3002	Cyclops Data Cable Stripper	E22-6373	5M Tape Measure (16ft)
M14-5859	LED Pocket Lamp	K70-7869	Magnetic Level
N70-7868	Cable Scissors	M99-5489	Mills Head Torch
T70-2877	Krone Style Insertion Tool	N72-6574	Quick Change Knife
C71-6895	Sharpie Pen PK2	E22-6585	Junior Hacksaw
C00-0113	Cage Nut Removal Tool	S00-4729	Protective Work Mat
C00-3011	Stripper/Insertion Tool	S00-5003	Draw Tape 30m
E00-1005	Coax Stripper RG58/59/62	S26-1069	Safety Spectacles
E00-1113	Cable Cutter 10.5mm	T70-0623	Cable Tie Pack
E00-3021	100 Pair Cable Cutter	M99-6624	Hook & Spudger
F70-4288	6 Piece Screwdriver Set	E70-4265	Wire Stripper
E70-4260	3 Piece Plier Set		
E72-5014	BNC Crimper		
H72-6380	6" Adjustable Spanner (150mm)		



B
NEW!



A
NEW!



C
NEW!



**ALL
NEW
FOR
2017**

PART NO.	DESCRIPTION	PRICE
A10-6155	A) DATA & VOICE TOOLKIT No.2 - IN MILLS STANDARD TOOL BAG	230.85
A10-6153	B) DATA & VOICE TOOLKIT No.2 - IN MILLS TOOL BACKPACK	257.90
A10-6154	C) DATA & VOICE TOOLKIT No.2 - IN MILLS DEEP EUROCASE	318.95

MILLS DATA & VOICE TOOLKIT No.3

Completely updated for 2017, 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 |
| N70-7868 Cable Scissors | K70-7869 Magnetic Level | H72-1002 Hex Key Set Metric |
| T70-0599 Krone Style Insertion Tool | M99-5489 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 RGS8/59/62 | S00-5003 Draw Tape 30m | T70-2514 RJ45 Boots Pk100 |
| E00-1113 Cable Cutter 10.5mm | S26-1069 Safety Spectacles | |
| E00-3021 100 Pair Cutter | T70-0623 Cable Tie Pack | |
| F70-4288 6 Piece Screwdriver Set | M99-6624 Hook & Spudger | |
| E70-4260 3 Piece Plier Set | C00-1554 Tone Trace Kit | |
| E72-5014 BNC Crimper | C00-2000 Structured Cable Tester | |



B



A



C



TOOLING

PART NO.	DESCRIPTION	PRICE
A10-6158	A) DATA & VOICE TOOLKIT No.3 - IN MILLS TOOL BACKPACK	472.50
A10-6157	B) DATA & VOICE TOOLKIT No.3 - IN MILLS UTILITY TOTE BAG	450.40
A10-6156	C) DATA & VOICE TOOLKIT No.3 - IN MILLS DEEP EUROCASE	533.65

MILLS COPPER JOINTER'S TOOLKIT

Completely updated for 2017, 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:

E00-0470	Longitudinal Stripper	J62-8167	10" Cold Chisel With Grip (250mm)
E00-1113	Cable Cutter 5-10mm	K51-1006	Steel Rule 6" 150mm
E00-3021	100 Pair Cable Cutter	E22-6373	5m Tape Measure
E00-3646	1000v 3 Piece Plier Set	M14-6915	LED Inspection Worklight
E65-6632	Scotchlock Crimp Tool	N12-7957	Knife Pocket No. 2
E68-5487	Dropwire Stripper	N56-1458	6" Hand File
E70-5001	Cable Ringing Tool (4.5 - 25mm)	N70-7868	Cable Scissors
E72-2010	10" Tin Snips (250mm)	E22-6585	Junior Hacksaw
F02-3638	Six Piece 1000v Screwdriver Set	N70-6372	12" General Purpose Hacksaw
H72-6381	8" Adjustable Wrench (200mm)	R99-1210	Black PVC Tape
J53-1012	1/2lb Cross Pein Hammer	S26-1069	Safety Spectacles
J53-1014	1lb Cross Pein Hammer	S57-3005	Cable Tie Gun
		T70-2877	Krone Style Tool
		C71-6895	Sharpie Pen PK2



A



B



C



PART NO.	DESCRIPTION	PRICE
A10-6190	A) COPPER JOINTER'S TOOLKIT - IN MILLS UTILITY TOTE BAG	268.40
A10-6191	B) COPPER JOINTER'S TOOLKIT - IN MILLS TOOLBOX	262.90
A10-6192	C) COPPER JOINTER'S TOOLKIT - IN MILLS TOOL BACKPACK	290.50



MILLS CATV TOOLKIT

Completely updated for 2017, 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
- E65-6632 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
- M14-6915 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
- T70-0599 Krone 2A Style Insertion Tool



TOOLING

PART NO.	DESCRIPTION	PRICE
A10-6110	A) CATV TOOLKIT - IN MILLS UTILITY TOTE BAG	351.15
A10-6111	B) CATV TOOLKIT - IN MILLS TOOLBOX	345.65
A10-6112	C) CATV TOOLKIT - IN MILLS TOOL BACKPACK	373.30

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:

E00-0470	Longitudinal Stripper	M14-6915	LED Inspection Worklight
E00-1113	5-10mm Cable Cutter	N12-7957	Knife Pocket No. 2
E00-3021	100 Pair Cutter	N56-1458	6" Hand File (150mm)
E00-3646	1000v 3 Piece Plier Set	N70-7868	Cable Scissors
E70-5001	Cable Ringing Tool (4.5 - 25mm)	E22-6585	Junior Hacksaw
E72-2010	10" Tin Snips (250mm)	N70-6372	12" General Purpose Hacksaw (30mm)
F02-3638	1000v Screwdriver Set 6 Piece	R99-1210	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)		



A



B



C



PART NO.	DESCRIPTION	PRICE
A10-6180	A) ELECTRICIAN'S TOOLKIT - IN MILLS UTILITY TOTE BAG	243.70
A10-6181	B) ELECTRICIAN'S TOOLKIT - IN MILLS TOOLBOX	238.20
A10-6182	C) ELECTRICIAN'S TOOLKIT - IN MILLS TOOL BACKPACK	265.85



1000V TOOLKIT NO.1

Supplied in wide-mouth junior too bag.

Comprising: 3 popular pliers individually tested & insulated to IEC 900 1987 & 6 Screwdrivers conforming to DIN 7437/38.

B72-5811 Junior Tool Bag

E00-3646 1000v 3 Piece Plier Set

F02-3638 1000v 7 Piece Screwdriver Set

Plier set comprises:

E00-3647 6" (160mm) Combination Plier 1000v

E00-3649 6" (160mm) Side Cutters 1000v

E00-3652 6" (160mm) Long Nose Pliers 1000v

Screwdriver set comprises:

F02-3639 Slotted 75 x 3mm

F02-3640 Slotted 100 x 4mm

F02-3641 Slotted 125 x 5.5mm

F02-3642 Slotted 150 x 6.5mm

F02-3644 Pozzi® 80mm x No.1

F02-3645 Pozzi® 100mm x No.1



PART NO.	DESCRIPTION	PRICE
A10-3504	1000V TOOLKIT NO.1	41.95

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	215.30

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	207.65

TOOLING

MILLS RACKMOUNT STRUCTURED CABLING TOOLKIT 2U DRAWER

The Mills Structured Cabling Kit Drawer has been specifically designed for Data Centre and Network Managers to provide a convenient and secure means of storing tools within cabinets and enclosures.

Housed within a lockable sliding 2U drawer, this kit ensures all the essential tools and test equipment are locked safe and sound, where you need them. A custom fitted foam insert secures the contents in place, keeping things tidy and protected.

The Structured Cabling Toolkit Drawer includes:

- C00-8998** Krone Sensor Punch Down Tool
- C70-6865** Punch Down Tool For 110
- E68-3002** Cyclops Cable Stripper
- E70-5013** RJ45 Ratchet Crimper
- E00-1113** Cable Cutter up to 10.5mm O/D
- F70-4264** Phillips Screwdriver 100mm x No.2
- F70-4259** Slotted Screwdriver 100 x 5mm
- E12-6164** Side Cutter 4 1/2"
- C00-2000** Mills Structured Cable Tester
- C00-1554** Tone Probe & Generator
- T70-2509** RJ11 Female To BT Male Adaptor
- T70-0061** RJ45 Cat 6 Modular Plugs (Pkt 10)
- T70-0172** RJ45 Plug Boots (Pkt 10)



"All The **Essential Tools**
And Test Equipment
Locked **Safe And Sound**
Where You Need Them"

PART NO.	DESCRIPTION
A10-5935	RACKMOUNT STRUCTURED CABLING TOOLKIT

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsitd.com





Fibre toolkits to suit every need

Blown Fibre Toolkits

See page 79



Fibre Joiner's Toolkits

See page 83



Fibre Splicer's Toolkits

See Pages 84-85



Fibre Inspection Kits

See page 98-99



Cold Cure Fibre Termination Toolkits

See Pages 91



Data, Voice & Coax Crimp Sets

Mills 'Master class' TPP/STP Termination Kit

See page 248



Tool Frame and unshielded Interchangeable Die Sets

See page 248



Universal Coaxial Termination Kit

See page 248



EUROCASE 2000

The versatile range of rugged Eurocases provides the ideal solution to most field service engineers' requirements.

The Eurocase 2000 range has polypropylene side shells offering greater impact resistance, strength and more resilience to heat changes and chemical spillage. Handles have a cushion grip for extra comfort. Maximum load capacity of 30kg.

All cases have 3 hinges, 2 toolboards, chromed lockable toggle latches and logo indent allowing relabelling with your company name or corporate message.



PART NO.	DESCRIPTION	PRICE
B72-4262	EUROCASE 2000 STANDARD	99.40
B72-4263	EUROCASE 2000 DEEP	114.29

STANDARD FORMAT
480 x 360 x 138mm
DEEP FORMAT
480 x 360 x 169mm

WATER RESISTANT STORAGE CASE

High impact injection moulded water resistant case for the safe storage of technician's instruments and/or equipment. Heavy-duty design with extra protection surrounding the hinges and easy-open latches. Neoprene seal around the inside of the lid ensures that the case is completely water resistant and a pressure equalising valve can balance the atmosphere inside and out. Features a comfortable folding handle and twin padlock points. Two pieces wave foam and two pieces pre-cut foam allow user to create a secure and perfect fit for the intended contents. IP67 Rated.



PART NO.	EXTERNAL SIZE (W X D X H)	INTERNAL SIZE (W X D X H)	PRICE
B70-3341	330 X 280 X 120MM	300 X 220 X 90MM	41.63
B70-3342	430 X 380 X 155MM	400 X 320 X 120MM	63.30
B70-3343	515 X 415 X 185MM	485 X 355 X 155MM	83.30



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	44.99

MEGAWHEELS

Mobile toolcase 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 4x toolboards, adjustable base tray and 2x component boxes.



External Dimensions:
453 x 345 x 185mm.
Weight: 7.5kg.
Maximum carry capacity: 30kg



PART NO.	DESCRIPTION	PRICE
B72-7706	MEGAWHEELS	185.93

TURTLE CASE

The ultimate heavy duty high capacity Service Engineer's Toolcase. Made from HDPE resin "The Turtle" is ideal for air travelling engineers, incorporating integral wheels and telescopic pulling handle for ease of transportation.

'The Turtle' is supplied with 2 detachable toolboards, a double document pouch and three parts organisers.

- High capacity storage for tools and spare parts
- Air travel tested
- Lockable latches
- Full length piano hinge
- High strength cushion grip handles
- Integral wheels and handle for mobility
- External Dimensions: 515(L) x 435(W) x 347(H) mm
- Max load capacity 30kg

Mills
MASTER
class
As good as it gets



PART NO.	DESCRIPTION	PRICE
B72-6506	TURTLE CASE	242.51

TOOLS NOT INCLUDED

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	34.70

STANLEY

TOOLS NOT INCLUDED

Mills

FATMAX PRO MOBILE JOB CHEST

- 30 Gal./113 Litres volume
- Level and Saw lock-in mechanism - Keeps tools accessible yet safely secured inside
- Removable vertical tool organization - Max. organization inside the chest
- All round water seal - Keeps valuable contents safe
- Heavy duty wheels - For mobility on rough surfaces, stairs
- Portable tray - For hand tools and small parts
- Integrated Lock + Keys - Keeps your tools protected
- Integrated V - Groove - For any on site sawing needs
- Telescopic handle - Slides in for storage
- Back end handle - Enables convenient lifting on to vehicle by two people

Dimensions: 91 x 52 x 43cm.



PART NO.	DESCRIPTION	PRICE
B70-3344	FATMAX PRO MOBILE JOB CHEST	96.88

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	30.00

TOOLING



MILLS HEAVY DUTY INSTALLER'S TOOLBOX

This toolbox is ideal for professional and trade use, and 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	20.87

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:

- 2 tool trays
- Heavy duty toggle latch closures
- Steel pinned rear hinges
- Maximum carrying capacity 16kg
- Steel carrying handle
- Integral foam kneeling pad

AS USED
BY THE
PUBLIC
UTILITIES

External dimensions:
492 x 260 x 250mm

COLOUR
SUBJECT
TO CHANGE



PART NO.	DESCRIPTION	PRICE
B00-7911	EXTRA HEAVY DUTY TOOLBOX	35.27

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 eye for locking possibilities
- Dimensions: 59 x 31 x 27cm



PART NO.	DESCRIPTION	PRICE
B70-3347	FATMAX 23" WATERPROOF TOOLBOX	25.91

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: 50 x 29 x 30cm

NEW!



PART NO.	DESCRIPTION	PRICE
B70-6169	FATMAX 20" TOOLBOX	34.95

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



PART NO.	DESCRIPTION	PRICE
B70-0600	UTILITY TOTE TOOL BAG WITH COVER	26.66

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



PART NO.	DESCRIPTION	PRICE
B70-1241	FATMAX OPEN TOTE TOOL BAG 18"	35.45

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: 49 x 26 x 10cm



PART NO.	DESCRIPTION	PRICE
B70-3349	FATMAX TOOL BAG	30.75

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



**NOW WITH
REINFORCED
PLASTIC
BASE**

PART NO.	DESCRIPTION	PRICE
B72-5810	A) STANDARD TOOL BAG	21.47
B72-5811	B) JUNIOR TOOL BAG	17.09

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	25.95

TOOL ROLL

Features 33 pouches for tool storage. Secured with two quick-release buckles when rolled up and features a carrying handle.

Manufactured from blue Cordura style material with black piping and featuring two eyelets for hanging whilst open.

External dimensions:
600mm x 550mm (open).



**TOOLS
NOT
INCLUDED**

PART NO.	DESCRIPTION	PRICE
B72-0605	TOOL ROLL	12.25



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.



PART NO.	DESCRIPTION	PRICE
B72-0658	MILLS TOOL AND LAPTOP CASE	31.11

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:
44 x 39 x 25cm

TOOLS NOT INCLUDED



PART NO.	DESCRIPTION	PRICE
B70-3350	TOOL ORGANISER BAG	41.08

TOOL BASKET

A traditional joiner's or carpenter's tool bag made from a durable hessian material with an inside pocket.

Handles are rope reinforced round the entire bag for added strength and it is fitted with eight brass eyelets. Length: 76cm (30in).



PART NO.	DESCRIPTION	PRICE
S83-0878	TOOL BASKET	8.82

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.



NEW!

ADD YOUR COMPANY LOGO!
Ring Sales
for more info

TOOLS
NOT
INCLUDED

PART NO.	DESCRIPTION	PRICE
B72-6595	MILLS TOOL BACKPACK	49.95

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: 36 x 46 x 27cm

TOOLS
NOT
INCLUDED



STANLEY
FatMax

PART NO.	DESCRIPTION	PRICE
B70-3351	FATMAX BACKPACK	42.31

MILLS LARGE TOOL WALLET

Mills
MASTER
CLASS
As good as it gets



TOOLS
NOT
INCLUDED

Zip-Round Storage for approximately 33 tools
External dimensions:
345 x 270 x 60mm

PART NO.	DESCRIPTION	PRICE
B72-0604	LARGE TOOL WALLET	14.71

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	14.95

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.



PART NO.	DESCRIPTION	PRICE
B29-6720	MILLS HEAVY DUTY TOOL APRON	15.95

EXTRA HEAVY DUTY TOOL POUCH

Manufactured from leather bound reinforced nylon and supplied with adjustable belt. The Tool Pouch has 5 pockets, 20mm diameter round tool holder & hammer holder.



PART NO.	DESCRIPTION	PRICE
B29-4265	HEAVY DUTY TOOL POUCH	11.31

PLANO TECHNIC CARPENTER'S POUCH

Carpenter's pouch/belt made from hardwearing material. Features metal hammer and tape holders, large front pocket for nails and screws and a quick release metal buckle.



PART NO.	DESCRIPTION	PRICE
B70-6555	PLANO TECHNIC CARPENTER'S POUCH	20.20

PLANO TECHNIC TOOL APRON

Waist apron ideal for decorators made from hardwearing material, lightweight, adjustable waist, hammer loop, 12 assorted pockets and a quick-release metal buckle.



PART NO.	DESCRIPTION	PRICE
B70-6557	PLANO TECHNIC TOOL APRON	10.15

FATMAX TOOL APRON

- Light reflector strips for increased visibility
 - Metal hammer loop
 - Tape measure pocket
 - Multiple pockets and loops for maximum organisation
 - Padded back for extra comfort
- Dimensions: 60 x 7.5 x 25.5cm



PART NO.	DESCRIPTION	PRICE
B70-3352	FATMAX TOOL APRON	19.95

PLANO EXTRA HEAVY DUTY TOOL APRON

Extra heavy duty tool apron with pockets for tools and small parts sorter. Robust metal buckle with deep separated back protection. Two deep reinforced pouches with carry handles - one for tools, the other for fasteners etc.



PART NO.	DESCRIPTION	PRICE
B70-6556	PLANO EXTRA HEAVY DUTY TOOL APRON	47.60

PLANO 23 POCKET SCREW & NAIL POUCH BELT

This tough reinforced and waterproof screw and nail belt has 23 pockets for screws and nails, a hammer loop and tape clip.



PART NO.	DESCRIPTION	PRICE
B70-6558	PLANO 23 POCKET SCREW & NAIL POUCH BELT	17.50

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:
260(w) x 375(h) mm.

PART NO.	DESCRIPTION	PRICE
S83-0845	BELT POCKET	12.20

PLANO TECHNIC CORDLESS DRILL HOLDER

The Plano Technic Cordless Drill Holder fits most popular cordless drills up to 18Volts. Pockets for drill bits and accessories. Diagonal strap secures drill.



PART NO.	DESCRIPTION	PRICE
B70-6554	PLANO TECHNIC CORDLESS DRILL HOLDER	7.35

PLANO POCKET CORDLESS DRILL TOOL BELT

Belt with a holster for cordless drill, 15 pockets for tools and small items including hammer holding slot. Large tape pocket (takes 8m tape), reinforced and waterproof, light and padded with a quick release buckle.



PART NO.	DESCRIPTION	PRICE
B70-6553	PLANO POCKET CORDLESS DRILL TOOL BELT	17.51

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:
45 x 36 x 12cm.



Fixings not included.

PART NO.	DESCRIPTION	PRICE
B94-2889	DEEP PRO ORGANISER	21.28



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: 43 x 33 x 9cm.



Fixings not included.

PART NO.	DESCRIPTION	PRICE
B94-3353	SORTMASTER ORGANISER	10.29

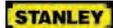


STANLEY 3-IN-1 TOOL ORGANISER

This Stanley 3-In-1 Tool Organiser is made from 2mm Polypropylene plastic so it is tough and durable. When closed the case has a robust structure that provides durability and security whilst in transit.

The case has a 15kg weight limit. Other features include movable dividers that provide specific configuration for smaller parts and / or tools and power tools, and a central rigid tote that is perfect for hand tools. Each side is fitted with a polypropylene lid to keep everything in its place.

External Dimensions (H x W x D): 420 x 695 x 325mm.



PART NO.	DESCRIPTION	PRICE
B70-6563	STANLEY 3-IN-1 TOOL ORGANISER	30.88

STANLEY TOOL TOTE & TOOL CASE / ORGANISER 24"

This Stanley tool storage set comprises a 24 inch tool case with a top case for power tools and organiser for small parts. The tool case has a long metal carry handle, which can be locked into place for carrying and tilted down for storage purposes.

The heavy-duty, anti-rust metal latches give the tool box extra strength and durability. The top case has an integrated carry handle, so it can be used as a separate unit. It also has removable dividers for tools and small parts, so the box can be customised to suit individual needs. The front push button allows for simple detaching of the top part from the bottom tote.

External Dimensions (H x W x D): 192 x 306 x 157mm



PART NO.	DESCRIPTION	PRICE
B70-6564	TOOL TOTE & TOOL CASE / ORGANISER 24"	46.30

TOOLING

PARTS BOX



B
240x195x42mm

C
175 x145x32mm

A
175x145x32mm

PART NO.	DESCRIPTION	PRICE
T94-1119	A) 7 COMPARTMENT PARTS BOX	4.51
T94-1120	B) 9 COMPARTMENT PARTS BOX	6.80
T94-1121	C) 12 COMPARTMENT PARTS BOX	5.58

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	16.77

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	20.00
B70-0378	(A) OPTIONAL LID FOR ABOVE (B70-0067)	8.83
B70-0068	(B) MID SIZE TOTE C/W INSERTS AND LID	68.85

For a comprehensive range of Attached Lid Containers, Stacking Containers, Folding Containers, Nesting Containers & Picking Containers please call sales.



TOOLING

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	87.64
B99-2005	B) LARGE TOE FOLDING TROLLEY	199.95

STAIR CLIMBER TROLLEY

200kg capacity heavy duty steel frame 6-rubber wheel stair climbing sack truck/trolley cart with folding toe.

Specifications:

- Dimensions approx.: 25.5 x 18.5 x 45.5" (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	64.95

ZINC PLATED PLATFORM TRUCK

300kg load capacity corrosion resistant zinc plated platform truck with 875mm high chrome plated handle and a platform dimension of 200mm high, 585mm wide, 870mm long.

Mounted with 2 fixed and 2 swivel 127mm diameter rubber tyre castors.

Specifications:

- All round PVC bumper strip
- Folding chrome handle
- 2 fixed and 2 swivel castors 127mm diameter
- Overall dims. 875mm high x 585mm wide x 870mm deep
- Platform height - 200mm
- Total weight of platform truck: 26kg



PART NO.	DESCRIPTION	PRICE
B99-8001	ZINC PLATED PLATFORM TRUCK	199.00

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	23.85

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	99.95

MILLS MASTERCLASS CHROME VANADIUM PLIERS AND CUTTERS

With bi-material "Energy Grip" handles for better control, grip and added comfort. High polished finish with induction hardened cutting edges. Supplied with Lifetime Guarantee.

LIFETIME
GUARANTEE

Mills
MASTER
class
As good as it gets



A



B



C

PART NO.	DESCRIPTION	PRICE
E70-4253	A) 6" (160MM) COMBINATION PLIER	9.76
E70-4255	B) 6" (160MM) SIDE CUTTER	9.54
E70-4257	C) 6" (160MM) LONG NOSE PLIER	9.69

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
MASTER
class
As good as it gets



LIFETIME
GUARANTEE

PART NO.	DESCRIPTION	PRICE
E70-4260	3PC MILLS PLIER SET	27.66

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.

LIFETIME
GUARANTEE

Mills
MASTER
class
As good as it gets



PART NO.	DESCRIPTION	PRICE
E70-4259	MILLS 10" (250MM) SLIP JOINT PLIER	12.88

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.

LIFETIME
GUARANTEE

Mills
MASTER
class
As good as it gets



PART NO.	DESCRIPTION	PRICE
E70-4265	END WIRE STRIPPER 0.6-10MM ²	9.86

MILLS 6" (160MM) TOP CUTTER

With bi-material "Energy Grip" handle for better control, grip and comfort. Supplied with Lifetime Guarantee.

Mills
MASTER
class
As good as it gets



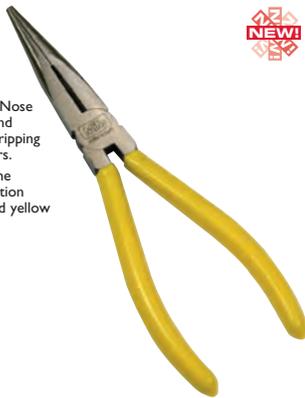
LIFETIME
GUARANTEE

PART NO.	DESCRIPTION	PRICE
E70-4266	6" (160MM) TOP CUTTER	9.76

MILLS SPECIALIST TELECOMS PLIER WIRING 5 (81'S)



Mills Plier Wiring No 5 (81's) -160mm Specialist Telecommunication Stripe 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	9.95

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	10.95

MILLS SPECIALIST TELECOMS SIDE CUTTERS DIAGONAL



A) 140mm Specialist Telecommunication Side Cutting Plier for soft and hard wire up to 1.8mm diameter.

B) 160mm Specialist Telecommunication Side Cutting Plier for soft and hard wire up to 1.8mm diameter.

Manufactured from Chrome Vanadium Steel with induction hardened cutting edges and yellow PVC dipped handles.



PART NO.	DESCRIPTION	PRICE
E12-6162	MILLS CUTTERS DIAGONAL 140MM	9.95
E12-6163	MILLS CUTTERS DIAGONAL 160MM	12.54

FOR SPECIALIST FIBRE OPTIC TOOLING SEE PAGES 79-99



MILLS MASTER CLASS 1000V PLIERS



Mills 1000V insulated pliers to IEC 900 1987 or DIN IEC 78 (CO) II VDE 0680/201.

Available individually or as a three-piece set.

LIFETIME GUARANTEE

1000V PLIERS



PART NO.	DESCRIPTION	PRICE
E00-3647	A) 6" (160MM) COMBINATION PLIER 1000V	8.05
E00-3649	B) 6" (160MM) SIDE CUTTERS 1000V	6.51
E00-3652	C) 6" (160MM) LONG NOSE PLIERS 1000V	6.25
E00-3646	3 PIECE PLIER SET 1000V	20.81

FOR A FULL RANGE OF 1000V TOOLS SEE PAGES 234-235



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.



NEW!

NEW!

LIFETIME
GUARANTEE

Mills
MASTER
class
As good as it gets

PART NO.	DESCRIPTION	PRICE
E12-6164	PRECISION BEVEL EDGE SIDE CUTTERS 115MM	12.92

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.



NEW!

NEW!

LIFETIME
GUARANTEE

Mills
MASTER
class
As good as it gets

PART NO.	DESCRIPTION	PRICE
E12-6165	PRECISION FLUSH SIDE CUTTERS 115MM	15.62

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.



NEW!

NEW!

LIFETIME
GUARANTEE

Mills
MASTER
class
As good as it gets

PART NO.	DESCRIPTION	PRICE
E12-6166	PRECISION SNIPE NOSE PLIER 120MM	14.95

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.



NEW!

NEW!

LIFETIME
GUARANTEE

Mills
MASTER
class
As good as it gets

PART NO.	DESCRIPTION	PRICE
E12-6167	PRECISION SNIPE NOSE PLIER 140MM	14.76

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.



NEW!

ECO-TOOLS

PART NO.	DESCRIPTION	PRICE
E22-6386	ECO TOOLS MINI SIDE CUTTER 115MM	3.95

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	130MM SNIPE NOSE PLIERS - 130MM (5 1/4")	2.90

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	40.97

MILLS 130MM FLUSH CUTTERS MINATURE NO. 2

130mm long Chrome Vanadium steel precision flush cutters with comfort grip insulated and spring loaded handles for copper wires up to 1.0mm (18 AWG)



NEW!

PART NO.	DESCRIPTION	PRICE
E72-6119	110MM FLUSH CUTTERS	5.95

MINIM 2.5 SELF ADJUSTING CUTTER STRIPPER

Self-adjusting cutting and stripping tool for PVC insulated wires and cables 0.2mm² (24AWG) to 6.0mm² (10AWG).

This innovative design uses precision carbon steel laminated stripping blades that automatically form around the insulation to provide quick and accurate safe stripping.

The sliding wire-stop is easily adjusted to preset exact strip lengths and the integral wire/cable cutter is shielded for safety.



PART NO.	DESCRIPTION	PRICE
E70-6114	MINIM 2.5 SELF ADJUSTING CUTTER STRIPPER	23.95

MAXIM 6 SELF ADJUSTING CUTTER STRIPPER

Self-adjusting cutting and stripping tool for PVC insulated wires and cables 0.2mm² (24AWG) to 6.0mm² (10AWG).

This innovative design uses precision carbon steel laminated stripping blades that automatically form around the insulation to provide quick and accurate safe stripping.

The sliding wire-stop is easily adjusted to preset exact strip lengths and the integral wire/cable cutter is shielded for safety.



PART NO.	DESCRIPTION	PRICE
E70-6115	MAXIM 6 SELF ADJUSTING CUTTER STRIPPER	32.50

MILLS SELF ADJUSTING CUTTER STRIPPER

This automatic wire stripper features a convenient wire cutter below the stripping jaws. Works with 0.5mm to 2.5mm (10 to 24 AWG) stranded or solid wire. Strip length may be set between 5 to 23 mm (3/16" to 7/8"). Length 170mm.



PART NO.	DESCRIPTION	PRICE
E70-5002	SELF ADJUSTING CUTTER STRIPPER	14.52

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	15.78

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	11.50

VERSATILE STRIPPER

With 7 individual stripping serrations 0.5, 0.75, 1.0, 1.5, 2.5, 4.0 & 6.0mm²

Features 3mm hardened & tempered steel blades, safety catch & extra-strong moulded grip handles.



PART NO.	DESCRIPTION	PRICE
E02-1010	VERSATILE WIRE STRIPPER	4.93

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
E70-4265	END WIRE STRIPPER 0.6-10MM ²	9.86



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.



PART NO.	DESCRIPTION	PRICE
E12-6160	MILLS STRIPPERS WIRE NO. 2	10.95

TOOLING



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.



PART NO.	DESCRIPTION	PRICE
E66-1325	MILLS MASTERCLASS RATCHET CRIMP TOOL	18.70

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	49.49

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	51 PIECE CRIMP TOOL SET	10.73

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, 70mm² non-insulated terminal lugs.



PART NO.	DESCRIPTION	PRICE
E14-6923	HYDRAULIC CRIMP TOOL KIT 4-70MM ²	126.95

PRE-INSULATED CRIMPS

Pre-insulated crimps available red, blue and yellow colours in packets of fifty male and female.

Red: 0.4mm to 1mm² (22-16AWG cable)

Blue: 1.1mm to 2.6mm² (16-14AWG cable)

Yellow: 2.5mm to 6.5mm² (12-10AWG cable)



PART NO.	DESCRIPTION	PRICE
E14-6926	RED CRIMPS PK50 MALE & FEMALE	5.95
E14-6927	BLUE CRIMPS PK50 MALE & FEMALE	5.95
E14-6928	YELLOW CRIMPS PK50 MALE & FEMALE	5.95

UNINSULATED COPPER TUBE TERMINALS 10MM²-70MM²

Set of Earth lugs for use with E14-6923 above.

Comprises of a selection box of copper tube terminals 10mm² - 70mm²:

- 25 x 10mm/6mm hole
- 25 x 10mm/8mm hole
- 25 x 16mm/6mm hole
- 25 x 16mm/8mm hole
- 20 x 25mm/8mm hole
- 10 x 32mm/6mm hole
- 10 x 50mm/10mm hole
- 5 x 70mm/10mm hole



PART NO.	DESCRIPTION	PRICE
E14-6878	UNINSULATED COPPER TUBE TERMINALS 10-70MM	24.95

CENTRE CUT BOLT CUTTERS

Suitable for cutting high tensile steel bars, bolts, chains and metal sections.



PART NO.	DESCRIPTION	TOTAL LENGTH	PRICE
S83-0870	CENTRE CUT BOLT CUTTERS	450MM	19.14
S83-0873	CENTRE CUT BOLT CUTTERS	600MM	26.12
S83-0875	CENTRE CUT BOLT CUTTERS	750MM	33.98
S83-3177	CENTRE CUT BOLT CUTTERS	900MM	39.23

STILLSON PATTERN WRENCHES

Available in three common sizes, the handle and moving jaw of each Stillson is forged from high quality steel which has been heat treated to ensure maximum strength.

The steel adjustment nut has been both hardened and tempered to promote longer life.

The dual coil springs of these Stillsons ensure that an instant grip of the pipe and a ratcheting action is achieved.



PART NO.	DESCRIPTION	TOTAL LENGTH	PRICE
H72-6834	10" STILLSON PATTERN WRENCH	250MM	13.10
H72-6835	12" STILLSON PATTERN WRENCH	300MM	14.40
H72-6836	14" STILLSON PATTERN WRENCH	350MM	16.40

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.



FOOTPRINT

PART NO.	DESCRIPTION	TOTAL LENGTH	JAW CAP	PRICE
H72-6837	7" FOOTPRINT PIPE WRENCH	179MM	42MM	11.60
H72-6838	9" FOOTPRINT PIPE WRENCH	230MM	48MM	14.70
H72-6839	12" FOOTPRINT PIPE WRENCH	300MM	60MM	20.90

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.



PART NO.	DESCRIPTION	PRICE
E70-4259	MILLS 10" (250MM) SLIP JOINT PLIER	12.88

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	9.75
H72-1724	7" SELF GRIP WRENCH	10.25
H72-1725	10" SELF GRIP WRENCH	12.35

PLIERS GAS 8"

General purpose pipe grip pliers for pipework and gas fitting. Will grip pipes from 1/8" to 1/2" bore. Overall length: 8".



PART NO.	DESCRIPTION
S83-0745	PLIERS GAS 8"

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com



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



LIFETIME GUARANTEE

“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	1.82
F70-4257	SLOTTED 150 X 3MM	2.19
F70-4258	SLOTTED 100 X 4MM	2.37
F70-4806	SLOTTED 75 X 5MM	2.40
F70-4259	SLOTTED 100 X 5MM	2.82
F70-4260	SLOTTED 150 X 5MM	3.26
F70-4261	SLOTTED 200 X 5MM	3.48
F70-4262	SLOTTED 250 X 5MM	3.86
F70-4250	SLOTTED CHUBBY 38 X 6MM	2.76
F70-4291	SLOTTED 100 X 6MM	3.45
F70-4251	SLOTTED 150 X 6MM	3.30
F70-4252	SLOTTED 150 X 8MM	4.43
F70-4254	SLOTTED 250 X 9.5MM	7.04



POZIDRIVE®

Blue colour coded insert

PART NO.	DESCRIPTION	PRICE
F70-4266	POZI® 60MM X NO 0	2.76
F70-4267	POZI® 75MM X NO 1	3.03
F70-4268	POZI® 100MM X NO 2	3.14
F70-4269	POZI® 250MM X NO 1	4.06
F70-4270	POZI® 250MM X NO 2	4.43
F70-4287	POZI® CHUBBY 38MM X NO 1	3.09
F70-4265	POZI® CHUBBY 38MM X NO 2	3.30

6PC MILLS STANDARD SCREWDRIVER SET

LIFETIME GUARANTEE



Comprising:

F70-4255	SLOTTED 75 x 3mm	F70-4252	SLOTTED 150x8mm
F70-4259	SLOTTED 100 x 5mm	F70-4267	POZI® 75mm x No 1
F70-4291	SLOTTED 100 x 6mm	F70-4268	POZI® 100mm x No 2

PART NO.	DESCRIPTION	PRICE
F70-4288	6PC MILLS SCREWDRIVER SET	16.13



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	19.95



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



LIFETIME GUARANTEE

PART NO.	DESCRIPTION	PRICE
F70-8720	3PC MILLS LONG SERIES SCREWDRIVER SET	9.92



FATMAX 6 PIECE SCREWDRIVER SET

Contents:
 Parallel Tip- 3.5mm x 75mm, 5.5mm x 75mm.
 Flared Tip- 5.5mm x 100mm, 8mm x 150mm.
 Pozi Tip- PZ11 x 100mm, PZ2 x 125mm



PART NO.	DESCRIPTION	PRICE
F70-3359	FATMAX 6 PIECE SCREWDRIVER SET	22.69

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	36.11

MAGNETISER/ DEMAGNETISER

A quick & easy way to magnetise or demagnetise your screwdriver.



PART NO.	DESCRIPTION	PRICE
F01-1097	MAGNETISER/DEMAGNETISER	3.66

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	4.97
F83-0815	8MM X 150MM SCREWDRIVER	6.03
S83-0861	9.5MM X 200MM SCREWDRIVER	7.96
S83-0860	9.5MM X 250MM SCREWDRIVER	8.34

SCREWDRIVERS INSTRUMENT

Specialists screwdriver for the telecommunication industry with small diameter acetate handles and Chrome Vanadium blades. Designed to prevent over tightening of terminal fixings and available in 10 popular sizes.



PART NO.	TYPE	BLADE (L)	TIP (W)	TIP (THICKNESS)	PRICE
S83-0822	1	2 1/2"	1/8"	0.018"	2.12
S83-0823	2	2"	3/16"	0.018"	2.63
S83-0824	3	2 1/2"	1/4"	0.025"	2.91
S83-0825	4	6"	5/32"	0.013"	2.91
S83-0826	5A	7"	7/32"	0.020"	3.65
S83-0827	6	8"	9/32"	0.025"	5.22
S83-0828	9	3"	3/16"	NO.1 PHILLIPS	2.58
S83-0829	10	4"	1/4"	NO.2 PHILLIPS	3.02
S83-0830	11	3"	3/16"	NO.1 POZI	2.77
S83-0831	12	4"	1/4"	NO.2 POZI	3.69

TOOLING



1000V INSULATED SCREWDRIVERS TO VDE DIN 7437/38

VDE approved fully insulated screwdrivers.
Features Chrome Vanadium blade with ergonomic handle.
Available in 6 slotted and Pozidrive sizes and as a six piece set.
F02-3638 6 piece insulated screwdriver set comprises:

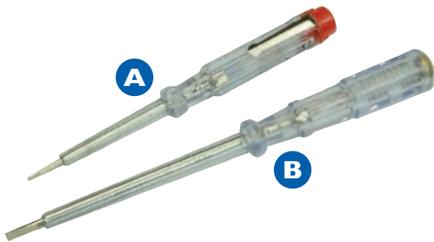
- 75 x 3.0mm Slotted
- 100 x 4mm Slotted
- 125 x 5.5mm Slotted
- 150 x 6.5mm Slotted
- 80 x No.1 POZI®
- 100 x No. 2 POZI®



PART NO.	DESCRIPTION	PRICE
F02-3639	SLOTTED 75 X 3MM	1.65
F02-3640	SLOTTED 100 X 4MM	1.95
F02-3641	SLOTTED 125 X 5.5MM	2.75
F02-3642	SLOTTED 150 X 6.5MM	3.85
F02-3644	POZI® 80MM X NO 1	2.85
F02-3645	POZI® 100MM X NO 2	4.45
F02-3638	6 PIECE SET	11.95

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	1.03
F72-1110	B) LARGE MAINS TESTER	2.25

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 1.0, 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)	2.58
F72-1150	B) WATCHMAKERS-SLOTTED/CROSSPOINT (11PC)	2.95

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	12.95

FATMAX 6 PIECE INSTRUMENT SET

STANLEY
FatMax



Contents:

- Pozi No.0 x 75mm
- Parallel: 2.5 x 50, 3 x 50, 3 x 100mm
- Phillips: 00 x 50, 0 x 75mm

PART NO.	DESCRIPTION	PRICE
F14-3366	6 PIECE INSTRUMENT SET	25.05

MILLS 41 PIECE SOCKET & MULTI-BIT DRIVER SET

A comprehensive bit and socket set manufactured from Chrome Vanadium steel and supplied in blow moulded storage box.
The ratchet screwdriver is reversible.

- Ergonomic handle for comfortable and secure grip
- Torx Bits: T10, T15, T20, T25, T27, T30, T40
- Hex Bits: 1.5, 2, 2.5, 3, 4, 5, 5.5, 6mm
- 7 metric sockets: 6, 7, 8, 9, 10, 11, 12mm
- 7 AF sockets: 3/16"-1/2"
- Slotted screwdriver bits: 1/4, 3/16, 9/32"
- Phillips screwdriver bits: ph1, ph2, ph3
- Square bits: vs1, vs2
- Reversible ratchet handle
- 1/4" drive extension and adaptor



PART NO.	DESCRIPTION	PRICE
F72-2902	41 PIECE MULTI-BIT DRIVER SET	9.33

FATMAX CLIP-N-GRIP SCREWDRIVER

Integral Clip-N-Grip™ screw holding system allows one handed use
Internal bit storage with end cap that carries 6 included bits:

- POZI®: PZ1 & PZ2
- Phillips: PH1 & PH2
- Slotted: 3mm & 6mm



PART NO.	DESCRIPTION	PRICE
F14-3367	FATMAX CLIP-N-GRIP SCREWDRIVER	12.40

1/4" HEX MAGNETIC BIT DRIVER

Magnetic precision bit driver with frictionless cam drive stepless ratchet for fine control. The driver has bit storage in the handle and is 300mm overall length with a blade length of 190mm. The universal 1/4" (6mm) magnetic chuck is suitable for a wide range of standard screwdriver, hex and torx bits.



PART NO.	DESCRIPTION	PRICE
F12-1460	EXTRA LENGTH BIT DRIVER	11.71

STANLEY MULTI-BIT RATCHET SCREWDRIVER

- Magnetic head
- Internal bit storage
- Bit storage cartridge
- Ratchet mechanism

Philips No.1 & No.2
Pozi No.1 & No.2
Slotted 4.5mm
Slotted 6 mm
T15 & T20 Torx®
VS1 & VS2 Square



PART NO.	DESCRIPTION	PRICE
F14-3368	10 PIECE MULTI-BIT RATCHET SCREWDRIVER	13.12

STANLEY STUBBY MULTIBIT SCREWDRIVER

- Philips No.1 x 25mm
- Philips No.2 x 25mm
- Pozi No.1 x 25mm
- Slotted 4.5 x 25mm
- Slotted 6 x 25mm
- Pozi No.2 x 25mm

Ratchet mechanism
Magnetic bit holder



PART NO.	DESCRIPTION	PRICE
F14-3369	STUBBY MULTI-BIT SCREWDRIVER	5.83

TOOLING

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



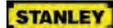
PART NO.	DESCRIPTION	PRICE
F14-1457	17 PC RATCHET SCREWDRIVER SET	8.35

STANLEY 7 PIECE, PHILLIPS, SLOTTED AND POZI BIT SET

This 7-piece screwdriver bit set contains 6 x 25 mm 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



PART NO.	DESCRIPTION	PRICE
F70-6949	STANLEY 7 PIECE, PHILLIPS, SLOTTED AND POZI BIT SET	6.86

10 PIECE SCREWDRIVER BIT ADAPTOR SET

Magazine-type insert bit dispenser. Supplied with nine multi-purpose 1/4" insert bits and a magnetic bit holder.

Comprises:

- Magnetic bit holder
- 3 slotted bits 4.5, 5.5, 6.5mm
- 3 Phillips® No. 1, No. 2, No. 3
- 3 Pozi No. 1, No. 2, No. 3



PART NO.	DESCRIPTION	PRICE
F51-1329	10 PIECE BIT SCREWDRIVER ADAPTOR SET	9.22

STANLEY 10 PIECE TORX, PHILLIPS & POSI BIT SET

This 10-piece screwdriver bit set contains 9 x 25 mm 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
F70-6948	10 PIECE TORX, PHILLIPS & POSI BIT SET	9.69

BOSCH 35 PIECE SCREWDRIVER & CONCRETE DRILL 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.

Comprises:

- 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 BIT SET	22.95

STANLEY 61 PIECE BIT SET

61-piece set of 1/4 inch drive bits in plastic case.

Comprises:

- Slotted: 4, 4.5, 5.5, 6, 6.5, 8mm
- Phillips: PH0, PH1, 2 x PH2, 2 x PH3, 2 x PH4
- Pozidriv: 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 BIT SET	23.95

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, 1/4inch Hexagon drive x 25 mm bits



PART NO.	DESCRIPTION	PRICE
N36-6620	WERA TH POZI TORSION SET OF 3 POZI BITS	2.95

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.

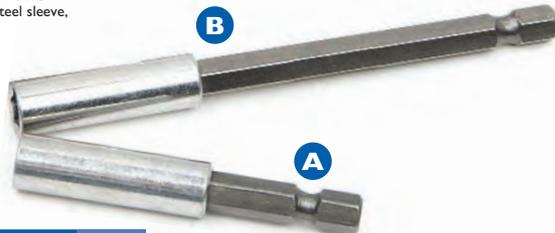
Ideal for driving into timber and general construction materials. Available in both 25mm and 50mm lengths in PZ1, PZ2 & PZ3



PART NO.	DESCRIPTION	PRICE
N36-6575	A) POZIDRIV PZ1 INSERT BIT 25MM PK2	2.58
N36-6576	A) POZIDRIV PZ2 INSERT BIT 25MM PK2	2.58
N36-6577	A) POZIDRIV PZ3 INSERT BIT 25MM PK2	2.58
N36-6578	B) POZIDRIV PZ1 INSERT BIT 50MM PK2	2.58
N36-6579	B) POZIDRIV PZ2 INSERT BIT 50MM PK2	2.58
N36-6580	B) POZIDRIV PZ3 INSERT BIT 50MM PK2	2.58

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
P09-6581	A) UNIVERSAL MAGNETIC BIT HOLDER 50MM	4.95
P09-6582	B) UNIVERSAL MAGNETIC BIT HOLDER 75MM	7.95

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	7.21
H01-1529	B) BALL END KEY SET 1/16" - 3/8"AF	7.21

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	8.24
H01-4251	B) CLASP HEX KEY SET 0.05-3/16"	8.24

FATMAX LOCKING KEY SET

'Lock In Place' feature to lock down keys and prevent unwanted movement.

Available in Hex and TORX® versions.



STANLEY
FatMax

PART NO.	DESCRIPTION	PRICE
H01-3371	LOCKING HEX KEY SET 1.5-8MM	10.65
H01-3372	LOCKING TORX® KEY SET T9-T40	10.65

9 PIECE TX-STAR® SECURITY COLOURED KEY SET

Manufactured from S2 steel hardened and tempered with a coloured satin finish. Each colour signifies a different size. Supplied in fold-out easy release holder.

Comprises:

T10T, T15T
T20T, T25T
T27T, T30T
T40T, T45T
T50T



PART NO.	DESCRIPTION	PRICE
F00-6879	9PC TX-STAR® SECURITY KEY SET	19.95

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.



BONDHUS



PART NO.	DESCRIPTION	PRICE
H01-1424	1.5MM BALL ENDED HEX DRIVER	1.57
H01-1425	2.0MM BALL ENDED HEX DRIVER	1.75
H01-1426	2.5MM BALL ENDED HEX DRIVER	1.79
H01-1427	3.0MM BALL ENDED HEX DRIVER	1.89
H01-1428	4.0MM BALL ENDED HEX DRIVER	2.27
H01-1429	5.0MM BALL ENDED HEX DRIVER	2.86
H01-1430	6.0MM BALL ENDED HEX DRIVER	3.40

T- HANDLE BALL-END HEXAGON KEYS

These Ball-End T-Handle Hexagon Keys have comfortable soft-grip T-handles and are made from Chrome Vanadium for excellent strength and durability. They have one short standard hex arm and a long ball ended arm for working at angles. Available in 8 sizes from 2mm to 10mm.



Ideal for repeated use and when more leverage is required.



PART NO.	DESCRIPTION	PRICE
H01-6825	BALL ENDED T-HANDLED HEXAGON KEY 2MM	2.50
H01-6826	BALL ENDED T-HANDLED HEXAGON KEY 2.5MM	2.70
H01-6827	BALL ENDED T-HANDLED HEXAGON KEY 3MM	2.80
H01-6828	BALL ENDED T-HANDLED HEXAGON KEY 4MM	2.90
H01-6829	BALL ENDED T-HANDLED HEXAGON KEY 5MM	3.00
H01-6830	BALL ENDED T-HANDLED HEXAGON KEY 6MM	3.10
H01-6831	BALL ENDED T-HANDLED HEXAGON KEY 8MM	3.30
H01-6832	BALL ENDED T-HANDLED HEXAGON KEY 10MM	3.80

MILLS 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.



A STANDARD TORX®

PART NO.	DESCRIPTION	PRICE
F70-4271	T6 TORX® DRIVER	2.70
F70-4272	T7 TORX® DRIVER	2.70
F70-4273	T8 TORX® DRIVER	2.70

B TAMPERPROOF TORX®

PART NO.	DESCRIPTION	PRICE
F70-4274	T9 TAMPERPROOF TORX® DRIVER	5.21
F70-4276	T15 TAMPERPROOF TORX® DRIVER	5.21
F70-4277	T20 TAMPERPROOF TORX® DRIVER	5.21
F70-4278	T25 TAMPERPROOF TORX® DRIVER	5.21
F70-4279	T30 TAMPERPROOF TORX® DRIVER	5.21
F70-4280	T40 TAMPERPROOF TORX® DRIVER	5.21

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	18.85

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	3.78

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	6.18

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.

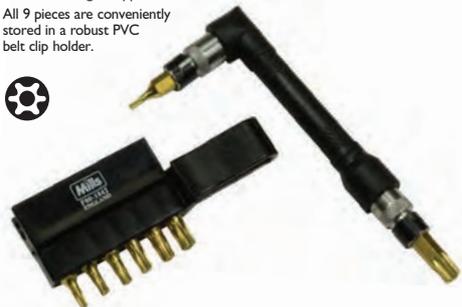


PART NO.	DESCRIPTION	PRICE
F72-3040	7 PIECE MINI TORX® SET	12.04

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	10.45

TOOLING



40 PIECE 1/4" SQ. DR. MM/AF COMBINED SOCKET SET

Manufactured and tested in accordance with DIN3122 and ISO3315 specifications.

Chrome Vanadium steel, hardened, tempered, chrome plated and polished for corrosion protection. Packed in blow mould carrying case.

Contents:

- 12 Draper Expert HI-TORQ® sockets size: 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
- 9 Draper Expert HI-TORQ® sockets size: 1/4, 3/16, 7/32, 9/32, 5/16, 11/32, 3/8, 7/16 and 1/2" AF
- 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
- Bit holder 1/4" sq. drive x 1/4" hexagon
- 4 plain slot insert bits size: 3.0, 4.0, 5.5 and 6.5mm
- 2 cross slot insert bits: No.1 and 2
- 2 PZ TYPE insert bits: No.1 and 2
- 3 Draper TX-STAR insert bits: T15, T20 and T25



PART NO.	DESCRIPTION	PRICE
G70-4689	40PC 1/4" DRIVE SOCKET SET MM/AF	30.65

ECONOMY SOCKET WRENCH SET 3/8" DRIVE METRIC 20 PIECE

- Chrome Vanadium sliding T-Bar
- 14 sockets: 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21 and 22mm
- Quick release polished ratchet handle with rubber grip
- 2 x extension bars: 50 and 150mm
- Universal joint and 1/2" - 3/8" adaptor



PART NO.	DESCRIPTION	PRICE
G70-3375	ECONOMY 3/8" DRIVE METRIC 20 PIECE	28.07

SOCKET WRENCH SET 1/2" DRIVE METRIC 21 PIECE

Chrome Vanadium sliding T-bar, 1 x universal joint, 14 sockets: 10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 24, 27, 30 and 32mm; quick release, polished ratchet handle with rubber grip, 2 x extension bars 125 and 250mm, 2 x spark plug sockets 13/16" and 5/8".



PART NO.	DESCRIPTION	PRICE
G70-3376	1/2" DRIVE METRIC 21 PIECE	42.10

MILLS PROFESSIONAL NUT DRIVERS

With bi-material "Energy Grip" handles for extra grip and added comfort.



PART NO.	DESCRIPTION	PRICE
F70-4281	5MM NUT DRIVER	4.65
F70-4282	5.5MM NUT DRIVER	4.65
F70-4283	6MM NUT DRIVER	4.65
F70-4284	7MM NUT DRIVER	4.65
F70-4285	8MM NUT DRIVER	4.65
F70-4286	10MM NUT DRIVER	4.65

S.D.S. ADAPTOR TO 1/4" SQ. DRIVE

Ideal for accepting 10 and 13mm sockets for easy installation of satellite dishes and aerials.



PART NO.	DESCRIPTION	PRICE
F70-5010	S.D.S.ADAPTOR X 1/4 SQUARE DRIVE	3.50

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	13.68
H72-1000	B) 8 PC.AF OPEN ENDED WRENCH SET	13.68

PROFESSIONAL "MIRROR FINISH" COMBINATION WRENCH SETS

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.

Metric 12pc set comprising: 6, 7, 8, 9, 10, 12, 13, 14, 15, 17, 19 and 22mm.



PART NO.	DESCRIPTION	PRICE
H70-4257	COMBINATION WRENCH SET	53.90

PROFESSIONAL "MIRROR FINISH" OPEN ENDED WRENCH SETS

Supplied in woven canvas type toolroll and comprising: 6x7mm, 8x9mm, 10x11mm, 12x13mm, 14x15mm, 16x17mm and 18x19mm.



PART NO.	DESCRIPTION	PRICE
H70-4258	7PC METRIC OPEN ENDED WRENCH SET	26.79

6 PIECE METRIC FLEXIBLE RATCHET SPANNER SET

These Chrome Vanadium spanners have flexible ratchet heads, which can turn through 180 degrees, 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.

Features:

- 180 Degree head for access into tight places
- 5 Degree fine ratchet mechanism

6 piece set, consists of the following sizes: 8mm, 10mm, 13mm, 15mm, 17mm and 19mm. Supplied and held in a convenient plastic clip store.



PART NO.	DESCRIPTION	PRICE
H70-3377	6 PIECE FLEX RATCHET SPANNER SET	32.64

FOR FULL RANGE OF 1000V TOOLS SEE PAGES 234-235



TOOLING

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	15.50

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	3.41
H72-6380	6" ADJUSTABLE WRENCH (COMFORT GRIP)	3.95
H72-6381	8" ADJUSTABLE WRENCH (COMFORT GRIP)	8.09
H72-6382	10" ADJUSTABLE WRENCH (COMFORT GRIP)	8.35
H72-6383	12" ADJUSTABLE WRENCH (COMFORT GRIP)	10.85
H72-1385	15" ADJUSTABLE WRENCH	14.65
H72-1386	18" ADJUSTABLE WRENCH	25.10

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	19.85
H48-1359	6" BAHCO ADJUSTABLE WRENCH	22.75
H48-1360	8" BAHCO ADJUSTABLE WRENCH	24.52
H48-1361	10" BAHCO ADJUSTABLE WRENCH	29.18
H48-1362	12" BAHCO ADJUSTABLE WRENCH	37.68

BAHCO ERGO SLIM JAW ADJUSTABLE WRENCH 150MM (6")

The Bahco 90 Series Black Phosphated Finish ERGO™ Slim Jaw Adjustable Wrenches feature an extra wide jaw opening with a metric measurement scale and narrow jaw allowing access to otherwise inaccessible gripping applications.

Precision-hardened and anti-corrosion treated with a phosphated finish and a comfortable warm thermoplastic slip-free handle. Has 40% wider opening compared to a standard adjustable wrench of equivalent size, and 45% thinner jaws, compared to a standard adjustable wrench of equivalent size.

Length 150mm (6 in).

Maximum opening capacity: 32mm (1 1/4 in).



**GENUINE
BAHCO
ADJUSTABLE**

PART NO.	DESCRIPTION	PRICE
H48-4998	BAHCO SLIM JAW ADJUSTABLE WRENCH 150MM	30.11

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	6PC METRIC TUBULAR BOX SPANNER SET	14.10

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	21.67

**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.



**Mills
MASTER**
As good as it gets

PART NO.	DESCRIPTION	PRICE
N72-6574	MILLS QUICK CHANGE RETRACTABLE KNIFE	3.30
N72-6586	MILLS REPLACEMENT BLADES PK10	1.95

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	2.95
N72-6586	MILLS REPLACEMENT BLADES PK10	1.95

FATMAX XTREME RETRACTABLE BLADE KNIFE

Supplied with 10 spare blades.
Bigger than standard utility knives allowing work with gloved hands.



PART NO.	DESCRIPTION	PRICE
N72-3378	XTREME RETRACTABLE KNIFE	11.87
N72-6586	MILLS REPLACEMENT BLADES PK10	1.95

STANLEY ORIGINAL RETRACTABLE BLADE KNIFE

Supplied with 3 blades.



PART NO.	DESCRIPTION	PRICE
N72-3379	ORIGINAL RETRACTABLE KNIFE	5.11
N72-6586	MILLS REPLACEMENT BLADES PK10	1.95

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	8.44
N72-6586	MILLS REPLACEMENT BLADES PK10	1.95

STANLEY CLASSIC 199 FIXED BLADE KNIFE

Supplied with an assortment of 5 blades.



PART NO.	DESCRIPTION	PRICE
N72-3381	CLASSIC 199 FIXED BLADE KNIFE	3.39
N72-6586	MILLS REPLACEMENT BLADES PK10	1.95

**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	1.02
N72-1008	PACKET 5 REPLACEMENT BLADES 18MM	1.90
N72-1004	B) 9MM SNAP OFF KNIFE	0.92
N72-1007	PACKET 5 REPLACEMENT BLADES 9MM	2.05

FATMAX UTILITY BLADE (PK10) & (PK100)



PART NO.	DESCRIPTION	PRICE
N72-3382	UTILITY BLADES (PK10)	2.66
N72-3383	UTILITY BLADES (PK100)	27.91

TOOLING



A) KNIFE POCKET NO. 2

2 1/2" (63mm) folding pocket knife with 60mm stainless curved pruning blade and orange ABS handle, specifically designed for the telecommunication industry.

A**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.

B

PART NO.	DESCRIPTION	PRICE
N12-7957	A) POCKET KNIFE	10.75
N00-3011	B) KNIFE SHARPENER	6.97

ECONOMY KNIFE HACKING

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	ECONOMY KNIFE HACKING	5.80

SCISSORS

A) 170mm fine point stainless steel scissors.

B) 138mm cable scissors with serrated blade and notch for effortless cable cutting.

LIFETIME GUARANTEE**A****B**

Mills
MASTER
As good as it gets

PART NO.	DESCRIPTION	PRICE
S70-5007	A) FINE POINT SCISSORS 170MM	3.20
N70-7868	B) CABLE SCISSORS 138MM	11.93

SCISSORS 7" CRANKED

General purpose cranked scissors, used for cutting steel and copper tapes in jointing applications.



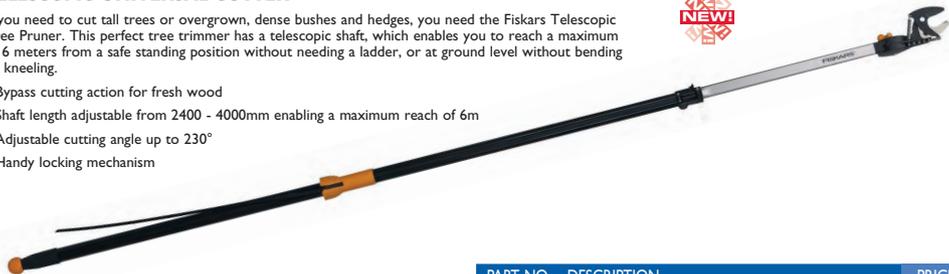
PART NO.	DESCRIPTION	PRICE
S83-2693	SCISSORS 7" CRANKED	9.67

TELESCOPIC UNIVERSAL CUTTER

If you need to cut tall trees or overgrown, dense bushes and hedges, you need the Fiskars Telescopic Tree Pruner. This perfect tree trimmer has a telescopic shaft, which enables you to reach a maximum of 6 meters from a safe standing position without needing a ladder, or at ground level without bending or kneeling.

NEW!

- Bypass cutting action for fresh wood
- Shaft length adjustable from 2400 - 4000mm enabling a maximum reach of 6m
- Adjustable cutting angle up to 230°
- Handy locking mechanism



PART NO.	DESCRIPTION	PRICE
S83-2692	TELESCOPIC UNIVERSAL CUTTER	91.72

MINI HACKSAWS

A) 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.

A**B****NEW!**

B) Junior Hacksaw made from powdered coated steel frame. Supplied complete with 150mm carbon steel 32 TPI blade.

PART NO.	DESCRIPTION	PRICE
E22-6585	A) MINI SAW	2.95
N72-1002	B) JUNIOR HACKSAW	1.44
N04-1616	C) PACKET 10 SPARE 32 TPI JUNIOR BLADES	1.50

GENERAL HACKSAW

General purpose 12" (300mm) hacksaw frame 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.



PART NO.	DESCRIPTION	PRICE
N70-6372	MILLS GENERAL PURPOSE HACKSAW	7.88
N21-1604	MILLS 12" (300MM) 18 TPI BLADE (EACH)	1.33
N70-7979	MILLS 12" (300MM) 24 TPI BLADE (EACH)	1.60

FATMAX 5 IN 1 HACKSAW

5 positions: 45° & 90° standard blade positions, 2 x pad saw positions, 1 x 45° access saw.

Supplied with a 300mm 24TPI blade.



PART NO.	DESCRIPTION	PRICE
N70-3387	5 IN 1 HACKSAW	21.29
N21-1604	MILLS 12" (300MM) 18 TPI BLADE (EACH)	1.33
N70-7979	MILLS 12" (300MM) 24 TPI BLADE (EACH)	1.60

STANLEY JUNIOR HACKSAW

Supplied with a 150mm 32TPI blade.



PART NO.	DESCRIPTION	PRICE
N70-3389	JUNIOR HACKSAW	3.71
N04-1616	MILLS PACKET 10 SPARE JUNIOR BLADES	1.50

STANLEY MULTI-POSITION HACKSAW

Front and rear tensioners with 2 carrying sides with fixed spurs: allows for a straight side for a standard cut and an inclined side for a flush cut
8 cutting positions without removing the blade



PART NO.	DESCRIPTION	PRICE
N70-3388	MULTI-POSITION HACKSAW INC. 300MM 24TPI BLADE	16.84
N21-1604	MILLS 12" (300MM) 18 TPI BLADE (EACH)	1.33
N70-7979	MILLS 12" (300MM) 24 TPI BLADE (EACH)	1.60

PADSAW

Features a narrow blade that makes it ideal for working in awkward and restricted locations. The blade length can be adjusted by pushing the blade back into the handle making the saw easy to use in restricted areas.

Overall length: 150mm. Supplied with two blades.



PART NO.	DESCRIPTION	PRICE
N02-1050	PADSAW COMPLETE WITH BLADE	5.97

FATMAX PLASTERBOARD/JBSAW

7 TPI blade with triple bevelled tooting for 50% quicker and easier cutting. Sharp point ideal for punching through plasterboard.



Blade length 150mm

PART NO.	DESCRIPTION	PRICE
N70-3391	PLASTERBOARD/JBSAW	10.43

STANLEY SHARPCUT 20" HANDSAW

Available as 7 or 11 teeth per inch.



PART NO.	DESCRIPTION	PRICE
N70-3385	HEAVY DUTY 7 TPI 20" HANDSAW	6.41
N70-3386	FINE CUT 11 TPI 20" HANDSAW	6.41

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

PART NO.	DESCRIPTION	PRICE
N70-3384	FATMAX 12" COMPASS SAW	7.11

COMPOUND MITRE SAW

Deep-cutting saw with 400mm solid cast table, 9 pre-set mitres and work clamp. Maximum cut height at 90°: 190mm; at 45°: 120mm. Max cut width 110mm. Blade length 600mm. 14 TPI.



PART NO.	DESCRIPTION	PRICE
N02-7002	MITRE SAW	21.11
N02-7003	600MM 14 TPI SPARE BLADE	4.58

TOOLING

A) CLAW HAMMERS

One-piece solid forged head
75% larger strike face.

B) FIBRE GLASS SHAFTED CLAW HAMMER

High strength fibre shafts, security bonded to hammer head, for added safety & extended life. In addition all hammers are supplied with shock absorbing rubber grips.



PART NO.	DESCRIPTION	PRICE
J53-3000	A) 16 OZ CLAW HAMMER	8.62
J53-3001	A) 20 OZ CLAW HAMMER	8.65
J72-9588	B) 16OZ CLAW HAMMER (FIBRE)	5.41

QUALITY DROP FORGED BALL PEIN HAMMERS

With hickory shafts, conforms to BS876.

J53-1002 - This 1/4lb ball pein is manufactured from carbon steel with hardened point.

J53-1011 - This 1/2lb ball pein hammer has a drop forged polished and black head with sanded and lacquered hickory shaft.

J53-1005 - This 1lb ball pein hammer has a drop forged polished and black head with sanded and lacquered hickory shaft.



PART NO.	DESCRIPTION	PRICE
J53-1002	A) 1/4 LB BALL PEIN HAMMER	8.02
J72-1001	B) 1/2 LB BALL PEIN HAMMER	8.48
J53-1005	C) 1 LB BALL PEIN HAMMER	11.48

DROP FORGED CROSS PEIN HAMMERS

J72-1003 - This cross pein pin hammer has a forged polished and black head with sanded and lacquered hickory shaft.

J53-1012 - This 1/2lb cross pein hammer has a forged polished and black head with sanded and lacquered hickory shaft.

J53-1014 - This 1lb cross pein hammer has a forged polished and black head with sanded and lacquered hickory shaft.

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
J72-1003	A) 3/2 OZ CROSS PEIN PIN HAMMER	3.08
J53-1012	B) 1/2 LB CROSS PEIN HAMMER	10.58
J53-1014	C) 1 LB CROSS PEIN HAMMER	12.94
J72-7864	D) 4OZ FIBRE SHAFT CROSS PEIN PIN HAMMER	3.98

PROFESSIONAL DROP FORGED CLUB HAMMERS

These lump hammers have a drop forged polished and black head with sanded and lacquered hickory shaft.

Available in 2½lb or 4 lb versions.



PART NO.	DESCRIPTION	PRICE
J75-1020	2 1/2 LB CLUB HAMMER	5.80
J75-1021	4 LB CLUB HAMMER	8.60

NYLON FACED HAMMERS

Available with replaceable nylon faces or a solid mallet.



PART NO.	DESCRIPTION	PRICE
J61-1030	A) 1/2 LB 25MM NYLON FACED HAMMER	8.01
J61-1031	B) 1 LB 32MM NYLON FACED HAMMER	9.41
J61-7865	C) 3/4 LB RUBBER MALLET	4.76

COLD CHISELS

- A) 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.
- B) 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
- C) 4" Brick Bolster 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.
- A) 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.



PART NO.	DESCRIPTION	PRICE
J62-8167	A) COLD CHISEL WITH HAND GUARD	6.10
J62-6638	B) 2 1/4 INCH BOLSTER WITH HAND GUARD	7.95
J04-1249	C) 4" BRICK BOLSTER WITH HAND GUARD	10.69
J62-8168	D) BRICK BOLSTER WITH HAND GUARD	9.86

FATMAX CHISELS

- Modified parabolic striking end for greater resistance to mushrooming and chipping
- Bi-material hand guard for increased comfort and protection from overstrike
- Hardened, quenched & tempered to precise specifications for added safety
- Forged from Chrome Vanadium steel for increased strength and durability and less grinding



PART NO.	DESCRIPTION	PRICE
J62-3397	A) COLD CHISEL 12 X 1"	11.72
J62-3398	B) BRICKSET CHISEL 3"	11.31
J62-3399	C) ELECTRICIANS CHISEL 2 1/4"	10.68

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.

PART NO.	DESCRIPTION	PRICE
J62-3400	SPRING STEEL WONDER BAR 15"	8.59
J62-3401	SPRING STEEL WONDER BAR 21"	12.82

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)



PART NO.	DESCRIPTION	PRICE
J62-3402	SPRING STEEL MOULDING BAR 10"	13.01

FATMAX SPRING STEEL CLAWBAR 10"

- Spring steel for durability
 - Non slip grip for extra leverage
 - Polished bevelled claws for better access
- Length: 10" (250mm)



PART NO.	DESCRIPTION	PRICE
J62-3403	SPRING STEEL CLAWBAR 10"	12.01

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
J62-3404	SPRING STEEL WRECKING BAR 24"	16.01
J62-3405	SPRING STEEL WRECKING BAR 36"	20.01

TOOLING

SET OF 3 QUALITY WOOD CHISELS

Comprising 1/4", 1/2", & 1"



PART NO.	DESCRIPTION	PRICE
J27-1000	SET OF 3 WOOD CHISELS	13.63

CENTRE PUNCHES**A)** Spring loaded recoil action and a 3mm (1/8") hardened steel point.**B)** This square sectioned centre pop is manufactured from carbon steel with hardened point.

PART NO.	DESCRIPTION	PRICE
J04-1205	A) AUTOMATIC CENTRE PUNCH	7.49
J04-1200	B) CENTRE PUNCH 1/8"	2.82
J04-1202	B) CENTRE PUNCH 3/16"	2.74

ECO-TOOLS BRADAWL - CHISEL ENDED 38MM

General purpose Bradawl with a 38mm long chisel end.



PART NO.	DESCRIPTION	PRICE
E22-6370	ECO-TOOLS BRADAWL	2.35

FILES**A)** Engineers File Sets. All files are 2nd cut.**B)** Set of 6 key files**C)** Set of 10 needle files

PART NO.	DESCRIPTION	PRICE
N01-1805	A) 8" FILE SET 4 PIECE	20.22
N56-1557	B) SET OF 6 KEY FILES	10.52
N56-1562	C) SET OF 10 NEEDLE FILES	4.93

4 PIECE ROUND HEAD PARALLEL PIN PUNCH SET

These pin punches are made from uniformly heat treated carbon steel and are used for removing pins in parallel holes. The removal of the pins should first be started with a hand or taper punch to avoid damage to the end of the parallel punch.

This set of four punches includes one of each of the following:

3.0mm, 4.0mm, 5.0mm and 6.35mm tip diameters.

Length: 100 mm (4 in).



PART NO.	DESCRIPTION	PRICE
J04-6848	4PC ROUND HEAD PARALLEL PIN PUNCH SET	7.30

8 PIECE LONG SERIES ROUND HEAD PIN PUNCHES

Faithful Long series pin punch with extended parallel shank, used for the removal of tight pin and metal dowels from mechanical fittings and machinery.

Designed for heavy-duty use and are made from uniformly heat treated tool steel with a round head and a knurled body for a firm grip.

This set of 8 punches includes: 1.6, 2.4, 3.2, 4, 4.8, 6, 8 and 10mm.

Pin length: 90mm (3.12in).

Overall length: 200mm (8in).



PART NO.	DESCRIPTION	PRICE
J04-6839	8PC LONG SERIES ROUND HEAD PIN PUNCHES	7.30

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.



PART NO.	DESCRIPTION	PRICE
K70-5012	7.5M (24FT) TAPE MEASURE	10.45

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



PART NO.	DESCRIPTION	PRICE
K70-3418	XTREME TAPE MEASURE 5M/16FT	20.97
K70-3419	XTREME TAPE MEASURE 8M/26FT	22.01
K70-3420	XTREME TAPE MEASURE 10M/30FT	23.49

METAL DETECTOR GSMI 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



PART NO.	DESCRIPTION	PRICE
P09-0694	METAL DETECTOR GSMI20 BOSCH	64.29

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.



PART NO.	DESCRIPTION	PRICE
E22-6373	ECO-TOOLS 5M/16FT TAPE MEASURE	3.95

BOSCH D-TECT I20 PROFESSIONAL DIGITAL WALLSCANNER

High performance, multi detecting professional radar scanner complete with a dual power source.

Precise centre finder with visual direction guidance. Spot measurement enables detection on extremely small surfaces.

Operated using standard alkaline batteries, making this practical for outdoor use when there is no way to recharge a battery pack.

Can detect objects including plastic water pipes, metals or live cables at material depths of up to 120mm.

Audible and visual warning signals when objects are detected in the wall.

- Detection depth, steel, max: 120 mm
- Detection depth, copper, max: 120 mm
- Max. detection depth: 120 mm



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
P09-6128	D-TECT I20 DIGITAL WALLSCANNER

LASER MEASURE BOSCH GLM 50 C

0.05-50m laser distance measurer (LDM) with direct digital transfer of measuring results.

- Quick and efficient data transfer via Bluetooth & USB
- Easy handling with improved user interface and illuminated, rotating colour display
- Simple exchange and smart documentation of measured values thanks to GLM measure and document app
- Create digital floor plans, import and edit existing floor plans, and export the result using the GLM floor plan
- Automatic storage of the last 30 measured values and one constant
- 2 x 1.5v AAA-size batteries included
- Protective bag included



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
P06-3495	LASER RANGE FINDER DW040P

TOOLING



STEEL RULES

A) Stainless steel rules with metric & imperial markings.

B) Combination square

Matt black metal stock with machined faces, brass adjusting screw, spirit level & scriber polished steel blade, graduated mm & 0.5mm one side, 1/8" & 1/16" the other.



PART NO.	DESCRIPTION	PRICE
K07-1172	A) 12" - 300MM COMBINATION SQUARE	8.68
K51-1006	B) 6" - 150MM STAINLESS RULE	1.10
K51-1007	C) 12' - 300MM STAINLESS RULE	1.95

BUILDER'S LEVEL

Box section aluminium body fitted with 1 horizontal, & 1 vertical vial; an additional third vial is fitted as an angle setter.



PART NO.	DESCRIPTION	PRICE
K99-3003	400MM - 16" LEVEL	4.88
K99-6840	600MM - 24" LEVEL	12.00
K99-6841	1000MM - 40" LEVEL	14.60
K99-6842	1200MM - 48" LEVEL	17.50

MILLS MAGNETIC BASE LEVEL

With 1 vertical & 1 horizontal vial. The magnetic base is ideal for pipe and steel conduit installation. Overall length 250mm (10").



PART NO.	DESCRIPTION	PRICE
K70-7869	MAGNETIC BASE LEVEL	7.98

POCKET SPIRIT LEVEL

Compact (125mm) spirit level with pocket clip.

**PLUMB LINE**

Supplied with 18m of orange line, the plumb bob is 115mm long with a diameter of 18mm and weighs 113g.

PART NO.	DESCRIPTION	PRICE
E22-6371	A) ECO-TOOLS POCKET SPIRIT LEVEL	1.95
K99-3555	B) PLUMB LINE	4.87

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
K99-3425	FATMAX XTREME LEVEL 40CM	22.05
K99-3426	FATMAX XTREME LEVEL 60CM	26.51
K99-3427	FATMAX XTREME LEVEL 100CM	30.96
K99-3428	FATMAX XTREME LEVEL 120CM	32.84
K99-3429	FATMAX XTREME LEVEL 180CM	57.90

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. It further benefits from a quick retractable foot stand.



- 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 display
- Wheel Diameter: 31.8cm (12.5")
- Overall Length: 104cm
- Net Weight: approx. 2.3kg



PART NO.	DESCRIPTION	PRICE
500-6671	MILLS MEASURING WHEEL	39.95

MAGNIFYING TWEEZERS

A useful aid to assist in the fibre optic assembly work, this fine point stainless tweezer is 92mm in length and benefits from an integral 25mm diameter x 4 integral magnifying glass.



PART NO.	DESCRIPTION	PRICE
M99-6919	MAGNIFYING TWEEZERS	3.75

560MM FLEXIBLE MAGNETIC PICK UP TOOL

Features a chrome plated flexible shaft with plastic handle and removable protective cap over magnet.



PART NO.	DESCRIPTION	PRICE
M70-6846	560MM FLEXIBLE MAGNETIC PICK UP TOOL	11.70

TELESCOPIC INSPECTION MIRROR WITH 2 LEDS

Five section telescopic stainless steel inspection tool

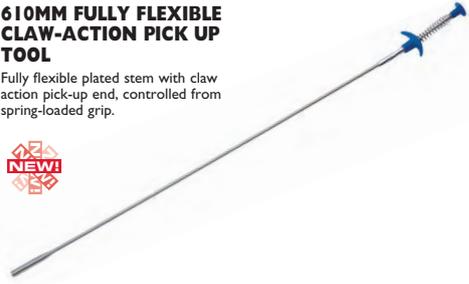
- 65 x 40mm Mirror with built in LEDs mounted on twin ball joints for maximum articulation
- Ideal for use in low light areas
- Contoured and textured comfort grip handle
- Batteries included



PART NO.	DESCRIPTION	PRICE
M15-6570	TELESCOPIC INSPECTION MIRROR WITH 2 LEDS	8.95

610MM FULLY FLEXIBLE CLAW-ACTION PICK UP TOOL

Fully flexible plated stem with claw action pick-up end, controlled from spring-loaded grip.



PART NO.	DESCRIPTION	PRICE
M70-6847	610MM FLEXIBLE CLAW-ACTION PICK UP TOOL	4.70

FLEXIBLE SHAFT INSPECTION MIRROR 60MM Ø

Heavy-duty rubber grip and strong, spring steel flexible shaft. 60mm Ø mirror suitable for use in confined areas.



PART NO.	DESCRIPTION	PRICE
M70-6567	FLEXIBLE SHAFT INSPECTION MIRROR 60MM Ø	7.95

FIVE PIECE TELESCOPIC MAGNETIC PICK-UP & INSPECTION TOOL KIT

Heavy-duty six section telescopic extending shaft with textured grip for comfort and control. Magnet features recessed LED to illuminate pick-up area. 3 x LR44 batteries are included.



- Quick release adaptor for easy fitting of individual accessories
- Kit includes 35mm Ø inspection mirror, which is mounted on twin ball joints for maximum articulation, 50 x 80mm hinged rectangular mirror, 10mm Ø magnet with 1kg capacity



PART NO.	DESCRIPTION	PRICE
M15-6568	5PC TELESCOPIC PICK-UP & INSPECTION KIT	16.95

INSPECTION MIRRORS & EYEGLASS

- A) Telescopic articulate 32mm diameter mirror with powerful retrieval magnet at opposite end - extendable from 212mm to 527mm.
- B) Fixed 21mm diameter mirror - 162mm overall length.
- C) 4x magnification Eyeglass.



PART NO.	DESCRIPTION	PRICE
M70-4252	A) MIRROR COMPLETE WITH MAGNET PICK UP	8.75
M70-4253	B) INSPECTION MIRROR	0.93
M99-1018	C) X4 EYEGLASS	1.90



TOOLING

PLUMBER'S MIRROR

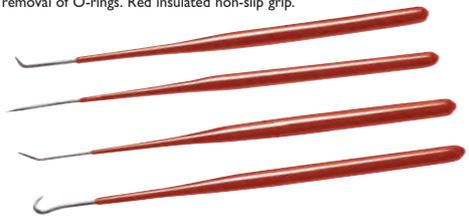
For examining joints, under floors and behind basin, etc. Aluminium housing with sheet glass recessed mirror. 100 x 100mm.



PART NO.	DESCRIPTION	PRICE
S83-0744	PLUMBER'S MIRROR	8.14

4 PIECE SPRING HOOK SET

Hardened steel tools for separating wire and for setting and adjusting springs. Also can be used as pick for careful removal of O-rings. Red insulated non-slip grip.



PART NO.	DESCRIPTION	PRICE
M15-3000	4 PIECE SPRING HOOK SET	4.09

IC EXTRACTOR & PLCC EXTRACTOR

A) A pair of plastic-coated, chrome-plated, sprung, steel tweezers with hooked ends for lifting and placing ICs without touching the pins. Overall length 102mm.

B) Extracts PLCC components with between 20 to 124 pins. ESD compliant body. Hardened stainless steel pins, self opening spring and non overlapping handles.



PART NO.	DESCRIPTION	PRICE
S72-1000	A) IC EXTRACTOR	0.77
S72-1269	B) PLCC EXTRACTOR	2.99

FIBREGLASS CLEANING PENCIL

A fibreglass abrasive stick with 4mm abrasive fibreglass, designed for removing protective lacquer coatings on PCB boards and cleaning copper track for soldering.

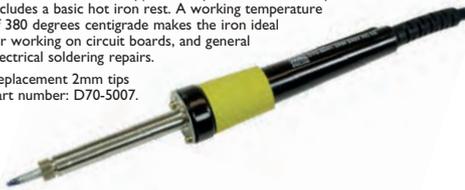


PART NO.	DESCRIPTION	PRICE
R01-3000	FIBREGLASS PENCIL	6.35

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.



PART NO.	DESCRIPTION	PRICE
D70-6000	SOLDERING IRON	6.60
D70-5007	SPARE SOLDERING TIP	1.98

A) SOLDERING STAND

Complete with sponge, suitable for most general application irons.

B) 3 PCE SOLDER AID SET

3 x 175mm probes comprising of fine point, mid point, slotted, brush and scraper.



PART NO.	DESCRIPTION	PRICE
D72-1050	A) SOLDERING STAND	3.32
D15-1266	B) SOLDER AID SET 3 PCE	2.36

SOLDERING IRON

A specialist 50V/25W soldering iron with 2.3mm tip and 4m of cable terminated with a BTSS36566 Plug. The soldering is supplied with a soldering iron rest.

Ideal for soldering applications in exchanges and head ends.



PART NO.	DESCRIPTION	PRICE
S83-0775	SOLDERING IRON	36.73

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.



METAL BODIES

PART NO.	DESCRIPTION	PRICE
D72-1005	A) ANTISTATIC DESOLDERING PUMP	5.95
D72-1003	B) DESOLDERING PUMP	2.05

SOLDER

- A) 60/40 Sn/Pb. Contains 3.3% flux core.
- B) 250G 22SWG Reel. Lead free rosin core 0.7mm (22SWG) solder wire 99.3% tin and 0.7% copper.
- C) 250G 18SWG Reel. Lead free rosin core 1.2mm (18SWG) solder wire 99.3% tin and 0.7% copper.



LEAD-FREE
RoHS COMPLIANT

PART NO.	DESCRIPTION	PRICE
D72-1002	A) 3M TUBE 1MM SOLDER	2.72
D59-1274	B) 250G 22SWG REEL	14.80
D59-1275	C) 250G 18SWG REEL	12.18

SOLDER NO. 7

Reel of solder for use during exchange type work.
Resin cured 1.25mm diameter.
Supplied on 500gms reel.



PART NO.	DESCRIPTION	PRICE
S83-0941	SOLDER NO. 7	36.15

PORTASOL GAS IRON

The original gas soldering iron with adjustable power equivalent to 10.6 Watts produces 400°C in soldering mode. The gas iron can be refilled in 10 seconds using Butane gas lighter fuel and under normal use will last approximately 60 minutes. The torch has an integral fitted ignitor and safety cut out switch. The Portasol is 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.



PART NO.	DESCRIPTION	PRICE
D52-1252	PORTASOL GAS IRON	21.16
D52-1253	SPARE TIP 1.0MM	8.02
D52-1254	SPARE TIP 2.4MM	8.02
D52-1255	SPARE TIP 3.2MM	8.02

MINI HEAT GUN PRODUCING 1300°C

Runs off a cigarette lighter (supplied). Automatic ignition.

HIGH PERFORMANCE GAS TORCH

Ideal for plumbing. Up to 1650°C output. Cartridge sold separately.



PART NO.	DESCRIPTION	PRICE
D72-1287	A) MINI HEAT GUN	14.28
S99-3010	B) BLOW TORCH	31.36
S99-3013	B) 290G LARGE REPLACEMENT CARTRIDGE	5.70

PROFESSIONAL GAS SOLDERING IRON KIT WITH FLINT

The gas iron can be refilled in 10 seconds using Butane gas lighter fuel and under normal use will last approximately 60 minutes. The torch has an integral fitted ignitor and safety cut out switch. The Professional Gas Soldering Iron Kit is supplied with the following accessories in a blow moulding 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	40.19

SUPERPRO HEAVY DUTY GAS SOLDERING IRON KIT

A heavy duty 8 piece gas soldering iron kit adjustable from 25-130 watts. The gas iron can be refilled in 10 seconds using Butane gas lighter fuel and under normal use will last approximately 2 hours. The gas soldering iron further benefits from automatic Piezo ignition and is ready to melt solder in less than 30 seconds. It utilises Piezo ignition for total user convenience. Switch on and ignition are accomplished in two smooth ergonomic movements.

The Super Pro Soldering Kit contains:

- Super Pro Soldering Iron
- 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)



PART NO.	DESCRIPTION	PRICE
D52-1244	SUPERPRO KIT	65.59

TOOLING

MINI MILLSLITE CREE LED ZOOM LENS TORCH



Manufactured from high quality corrosion resistant and durable aluminium. This mini torch can be easily stored in small tool wallets and pockets. The torch is powered by 2 x AA cell batteries (not included) and uses an intense XPG

Cree 3w LED. The beam of the Mini Millslite torch can easily be adjusted from flood to spot. Length: 147mm, diameter 29mm. Weight: 102g.



PART NO.	DESCRIPTION	PRICE
M99-6914	MINI MILLSLITE CREE LED ZOOM LENS TORCH	8.95
M99-6820	AA BATTERY PK 2	1.15

MILLSLITE COMBINED LED TORCH & WORKLIGHT

This 2 in 1 worklight features a powerful Cree style COB (Chip On Board) LED flashlight.

The Millslite is manufactured from high quality corrosion resistant and durable aluminium. This is an essential addition to all toolkits and benefits from a strong end-fitted magnet, making it ideal for

providing hands-free illumination. The torch is powered by 4 x AAA cell batteries (not included) and has a 'glow in the dark' power button for ease of operation.

Length: 170mm. Diameter 43mm. Weight: 280g.



PART NO.	DESCRIPTION	PRICE
M99-6916	MILLSLITE COMBINED LED TORCH & WORKLIGHT	14.95
M99-6864	AAA BATTERY PK 2	1.25

MILLS LED HEAD TORCH

Professional 4-Mode Head Torch, ideal for proximity lighting for inspection work producing 60 lumens.

The head torch benefits from a fully adjustable washable 25mm head strap, and has 45 degree lamp adjustment.

It features 2 white lighting modes, ultra bright 60 lumen and low powered 10 lumen. In addition, the two red light options are useful for maintaining night vision and dramatically preserves battery life.

The product is supplied in white ABS and requires 3 x AAA batteries (not included).

Weight: 41g.

Dimensions: 60 x 40 x 35mm.



PART NO.	DESCRIPTION	PRICE
M99-5489	MILLS LED HEAD TORCH	9.80
M99-6864	AAA BATTERY PK 2	1.25

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
M14-6915	24 LED HAND INSPECTION LIGHT	7.95

MILLS RECHARGEABLE LED FLOODLIGHT 10W

Lithium-ion rechargeable worklight. Includes mains charger and cigarette lighter adaptor for charging from vehicles.



- LED chip illumination
- IP 65 rated
- Working time: 3hrs
- 4400Mah Li-Ion Battery

PART NO.	DESCRIPTION	PRICE
M99-5797	RECHARGEABLE LED FLOODLIGHT 10W	29.99

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
- High efficient heatsink
- Screw fastener for safety precautions
- Build-in release vent

PART NO.	DESCRIPTION	PRICE
M14-6884	MILLS INTRINSICALLY SAFE TORCH	32.95

30 LED SOFT GRIP RECHARGEABLE INSPECTION LAMP

Features clear polycarbonate lens and soft grip handle. Rechargeable 3.7V Li-ion battery pack within the handle. Useful swivelling hang-up hook at opposite end. Gives up to three hours continuous working time between charges while producing a brilliant 108 lumens of light. Charged by direct connection or by removing the battery and placing in the charger.

Dimensions: 42 x 19.2 x 10.6cm.



PART NO.	DESCRIPTION	PRICE
M70-0288	30 LED CORDLESS RECHARGEABLE LIGHT	24.60

MILLS LED POCKET INSPECTION LAMP

Handy bright white 8 way LED pocket lamp producing 15 lumens. This mini torch has pocket clip and a magnet for securing the lamp in position. The lamp is supplied with 3 x AAA batteries. Length 160mm.

Features:

- Integral Pocket Clip & Magnet
- 8 x Bright White LEDs
- 3 x AAA batteries included



PART NO.	DESCRIPTION	PRICE
M14-5489	MILLS LED POCKET INSPECTION LAMP	4.25

A) LONG LASTING ALKALINE BATTERIES

A

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.

B



PART NO.	DESCRIPTION	PRICE
M99-1200	A) MNI1300 (D) BATTERY PACKET 2	3.08
M99-1201	A) MNI1400 (C) BATTERY PACKET 2	2.60
M99-6820	A) MNI1500 (AA) BATTERY PACKET 2	1.15
M99-1203	A) MNI1604 (PP3) BATTERY PACKET 1	1.98
M99-6864	A) MN2400 (LR03,AAA) BATTERY PACKET 2	1.25
M99-1059	B) PJ996 LANTERN BATTERY EACH	1.93

TOOLING



1000V INSULATED LONG NOSE PLIERS

Toothed grip inductively tempered blades suitable for for hard and soft wire. Made of tempered Vanadium steel with polished Chrome head.

- Cutting power minimum 60 HRC
- Tested to EN/IEC 60900:2004



PART NO.	DESCRIPTION	PRICE
H87-6478	1000V INSULATED LONG NOSE PLIERS 160MM	22.88
H87-6479	1000V INSULATED LONG NOSE PLIERS 200MM	25.07

1000V INSULATED DIAGONAL SIDE CUTTERS

Diagonal Side Cutters with inductively tempered blades for hard and soft wires. Available in 160mm and 180mm sizes.

- Tested to EN/IEC 60900:2012



PART NO.	DESCRIPTION	PRICE
H87-6474	1000V INSULATED SIDE CUTTERS 160MM	22.35
H87-6475	1000V INSULATED SIDE CUTTERS 180MM	23.57

1000V INSULATED CABLE CUTTERS FOR COPPER/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.

- Tested to EN/IEC 60900:2012



PART NO.	DESCRIPTION	PRICE
H87-6469	A) 1000V STRANDED CABLE CUTTER UP TO 35MM ²	29.17
H87-6470	B) 1000V STRANDED CABLE CUTTER UP TO 18MM ²	35.02
H87-6471	C) 1000V CABLE CUTTER UP TO 50MM ²	26.57
H87-6472	D) 1000V CABLE CUTTER UP TO 25MM ²	48.30
H87-6473	E) 1000V CABLE CUTTER UP TO 75MM ²	30.20

1000V INSULATED COMBINATION PLIERS

Lineman's Pliers available in 160mm and 180mm.

- Material: Chrome Vanadium
- Finish: Mirror Chrome
- Tool Body hardness HRC 45 +/- 3
- Cutting Edge hardness HRC 62 +/- 2
- High leverage design for increased cutting power
- Tested to EN/IEC 60900:2012



PART NO.	DESCRIPTION	PRICE
H87-6476	1000V INSULATED COMBINATION PLIERS 160MM	21.73
H87-6477	1000V INSULATED COMBINATION PLIERS 180MM	22.95

1000V INSULATED SLIP JOINT PLIERS 250MM

These 1000V insulated slip joint pliers feature adjustable positions and provide optimal leverage.

- Tested to EN/IEC 60900:2012



PART NO.	DESCRIPTION	PRICE
H87-6481	1000V INSULATED SLIP JOINT PLIERS 250MM	27.17

1000V INSULATED PLIERS END WIRE STRIPPING 165MM

End Wire Stripper - 165mm long, made of tempered steel and featuring a fine adjustment screw. Fully Insulated.

- For solid and stranded conductors of up to Ø 5mm
- Tested to EN/IEC 60900:2012



PART NO.	DESCRIPTION	PRICE
H87-6480	1000V INSULATED WIRE STRIPPERS	25.12

CABLE SHEATHING KNIVES

A range of 3 cable coring knives which include blade covers.



A) 60mm blade 180mm overall length.

B) 60mm curved blade, 180mm overall length.

C) 55mm curved blade, 125mm overall length.



PART NO.	DESCRIPTION	PRICE
H87-6482	A) 1000V HEAVY DUTY BLADE CABLE KNIFE	11.53
H87-6483	B) 1000V CURVED BLADE CABLE KNIFE 60MM	23.85
H87-6484	C) NON-INSULATED CURVED BLADE CABLE KNIFE	10.42

1000V INSULATED JUNIOR HACKSAW 150MM

Lightweight 150mm 32 TPI insulated junior hacksaw featuring a multi-coated insulated strong compact frame.

- Tested to EN/IEC 60900:2012



PART NO.	DESCRIPTION	PRICE
H87-6485	1000V INSULATED JUNIOR HACKSAW 150MM	12.08

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	22.95
H87-6488	B) 1000V INSULATED ADJUSTABLE SPANNER 200MM	25.37
H87-6490	C) 1000V INSULATED ADJUSTABLE SPANNER 250MM	27.78

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	30.20

1000V INSULATED CABLE JOINTER'S MIRRORS

A) Mirror manufactured from plastic with a rubber moulded casing for easier handling. 125 x 100mm.



PART NO.	DESCRIPTION	PRICE
H87-6503	1000V CABLE JOINTER'S MIRROR 125X100MM	10.80
H87-6504	1000V ICABLE JOINTER'S MIRROR 150MM Ø	18.12

1000V INSULATED SCREWDRIVERS

High torque softgrip slotted & pozi screwdrivers with precision hardened Chrome-Vanadium-Molybdenum steel blade. Ergonomic, softgrip multi-component handle with blade insulation directly moulded onto the blade.

Available as a 5 piece set comprising:
Slotted 2.8 x 75mm, 4.0 x 100mm, 5.5 x 150mm
PZ1 x 80mm, PZ2 x 100mm

• Tested to EN/IEC 60900:2012



PART NO.	DESCRIPTION	PRICE
H87-6494	A) 1000V SLOTTED 75 X 2.8MM SCREWDRIVER	4.27
H87-6495	A) 1000V SLOTTED 100 X 4.0MM SCREWDRIVER	5.47
H87-6496	A) 1000V SLOTTED 150 X 5.5MM SCREWDRIVER	6.67
H87-6497	B) 1000V POZI NO.1 X 80MM SCREWDRIVER	5.20
H87-6498	B) 1000V POZI NO.1 X 150MM SCREWDRIVER	5.83
H87-6499	B) 1000V POZI NO.2 X 100MM SCREWDRIVER	6.67
H87-6500	B) 1000V POZI NO.2 X 150MM SCREWDRIVER	7.13
H87-6501	C) 1000V 5PC SCREWDRIVER SET	21.73

1000V INSULATED GLOVES CLASS 0

360mm long, 1mm thick, fully insulating gloves, each test stamped for 5000V with a working voltage of 1000V max. Manufactured to EN60903.



PART NO.	DESCRIPTION	PRICE
H87-6540	1000V INSULATED GLOVES SIZE 7	41.05
H87-6541	1000V INSULATED GLOVES SIZE 8	41.05
H87-6542	1000V INSULATED GLOVES SIZE 9	41.05
H87-6543	1000V INSULATED GLOVES SIZE 10	41.05
H87-6544	1000V INSULATED GLOVES SIZE 11	41.05

1000V INSULATED 25 PC TOOL KIT 3/8" DRIVE

25 piece set contains:

- 1 x Socket 6pt 3/8" Drv 7mm
- 1 x Socket 6pt 3/8" Drv 8mm
- 1 x Socket 6pt 3/8" Drv 10mm
- 1 x Socket 6pt 3/8" Drv 12mm
- 1 x Socket 6pt 3/8" Drv 14mm
- 1 x Socket 6pt 3/8" Drv 15mm
- 1 x Socket 6pt 3/8" Drv 17mm
- 1 x Socket 6pt 3/8" Drv 19mm
- 1 x Socket 6pt 3/8" Drv 22mm
- 1 x Pliers Combination 180mm
- 1 x Diagonal Side Cutter 160mm
- 1 x Reversible Ratchet 3/8" Sq Drv
- 1 x Extension Bar 3/8" Drive 125mm
- 1 x T Bar Lever 3/8" Sq Drv 200x150mm
- 1 x Open Ended Spanner 7mm
- 1 x Open Ended Spanner 8mm
- 1 x Open Ended Spanner 10mm
- 1 x Open Ended Spanner 12mm
- 1 x Open Ended Spanner 14mm
- 1 x Open Ended Spanner 17mm
- 1 x Cable Knife 200mm integrated safety guard
- 1 x Screwdriver PH1 80 x 175mm
- 1 x Screwdriver PH2 100 x 210mm
- 1 x Screwdriver 5.5 x 125mm
- 1 x Screwdriver 4.0 x 100mm
- 1 x Case 363 x 256 x 115mm Black



PART NO.	DESCRIPTION	PRICE
H87-6505	1000V INSULATED 25 PC TOOL KIT 3/8" DRIVE	390.75

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

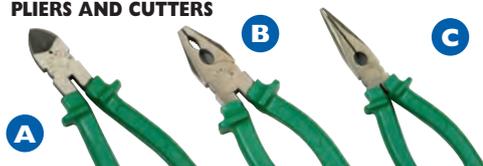
PART NO.	DESCRIPTION
H83-8660	2.0MM TITANIUM HEX KEY
H83-8661	2.5MM TITANIUM HEX KEY
H83-8662	3.0MM TITANIUM HEX KEY
H83-8663	4.0MM TITANIUM HEX KEY
H83-8664	5.0MM TITANIUM HEX KEY
H83-8665	6.0MM TITANIUM HEX KEY
H83-8666	8.0MM TITANIUM HEX KEY
H83-8667	10.0MM TITANIUM HEX KEY

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsstd.com

SCREWDRIVERS

PART NO.	DESCRIPTION
H83-8674	PHILLIPS® NO 1 X 75MM SCREWDRIVER
H83-8675	PHILLIPS® NO 2 X 100MM SCREWDRIVER
H83-8676	SLOTTED 3/32 X 3" SCREWDRIVER
H83-8677	SLOTTED 1/8 X 2" SCREWDRIVER
H83-8678	SLOTTED 3/16 X 4" SCREWDRIVER
H83-8679	SLOTTED 1/4 X 5" SCREWDRIVER
H83-8680	SLOTTED 5/16 X 6" SCREWDRIVER
H83-8681	SLOTTED 1/8 X 8" SCREWDRIVER

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsstd.com

PLIERS AND CUTTERS

PART NO.	DESCRIPTION
H83-8697	A) DIAGONAL CUTTING PLIERS 160MM
H83-8698	B) COMBINATION PLIERS 200MM
H83-8715	C) LONG NOSE PLIERS 180MM

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsstd.com

ADJUSTABLE WRENCHES

PART NO.	DESCRIPTION
H83-8682	8" ADJUSTABLE WRENCH
H83-8699	10" ADJUSTABLE WRENCH
H83-8700	12" ADJUSTABLE WRENCH

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsstd.com

DOUBLE OPEN END WRENCHES

PART NO.	DESCRIPTION
H83-8668	6 X 7MM TITANIUM WRENCH
H83-8669	8 X 10MM TITANIUM WRENCH
H83-8670	9 X 11MM TITANIUM WRENCH
H83-8671	10 X 12MM TITANIUM WRENCH
H83-8672	13 X 15MM TITANIUM WRENCH
H83-8673	17 X 19MM TITANIUM WRENCH
H83-8690	12 X 13MM TITANIUM WRENCH
H83-8691	14 X 15MM TITANIUM WRENCH
H83-8692	16 X 17MM TITANIUM WRENCH
H83-8693	18 X 19MM TITANIUM WRENCH
H83-8694	20 X 22MM TITANIUM WRENCH
H83-8695	21 X 23MM TITANIUM WRENCH
H83-8696	24 X 26MM TITANIUM WRENCH

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsstd.com

COMBINATION WRENCHES

PART NO.	DESCRIPTION
H83-8701	6MM COMBINATION WRENCH
H83-8702	7MM COMBINATION WRENCH
H83-8703	8MM COMBINATION WRENCH
H83-8704	9MM COMBINATION WRENCH
H83-8705	10MM COMBINATION WRENCH
H83-8706	11MM COMBINATION WRENCH
H83-8707	12MM COMBINATION WRENCH
H83-8708	13MM COMBINATION WRENCH
H83-8709	14MM COMBINATION WRENCH
H83-8710	15MM COMBINATION WRENCH
H83-8711	16MM COMBINATION WRENCH
H83-8712	18MM COMBINATION WRENCH
H83-8713	20MM COMBINATION WRENCH
H83-8714	21MM COMBINATION WRENCH
H83-8683	19MM COMBINATION WRENCH
H83-8684	22MM COMBINATION WRENCH
H83-8685	24MM COMBINATION WRENCH

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsstd.com

MILLS MASTERCLASS GENERAL DUTY CABLE CUTTERS



Cable cutters suitable for cutting cable diameters of up to 10mm. Spring operation with closed lock handles.

Overall length 165mm.

PART NO.	DESCRIPTION	PRICE
E66-1008	MILLS GENERAL DUTY CABLE CUTTERS	5.06

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	9.43

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	9.90

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	11.33

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	4.95

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	24.95

TOOLING

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	245.00

1000V CABLE CUTTERS**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	69.95

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	24.95

MILLS MASTERCLASS RATCHET CABLE CUTTER

Ratchet action cable cutter with precision ground cutting edges. Ideal for high leverage cutting, without deformation, of copper and aluminium multi stranded cables 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	65.00

MILLS RATCHET CABLE CUTTER 2700 PAIR - 53MM CAPACITY

Ratchet action cable cutters with precision ground cutting edges. Ideal for high leverage cutting, without deformation, of copper and aluminium multi stranded cables up to 53mm diameter (2700 pair telco cable). Features comfort grip handles for repetitive applications.

Overall length 280mm.



PART NO.	DESCRIPTION	PRICE
E66-3742	MILLS RATCHET CABLE CUTTER 2700 PAIR	87.00

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



PART NO.	DESCRIPTION	PRICE
E00-6170	MILLS MASTERCLASS 3-WAY FIBRE OPTIC STRIPPER	21.90

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



PART NO.	DESCRIPTION	PRICE
E00-6175	MILLS MASTERCLASS 5-WAY FIBRE OPTIC STRIPPER	32.95

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	52.69

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	28.12

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	14.95

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	26.75

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	20.00

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	16.87

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	24.05

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	33.23

MILLS MASTERCLASS STRIPPER CABLE SHEATH NO.5A

An exceptionally simple and robust stripper with the capability to circumferentially and longitudinally strip sheath from 6-25mm diameter cables. The hardened steel cutting blade automatically repositions depending on direction of travel making the tool suitable for most stripping applications, as well as plastic pipe cutting. The ergonomic shape fits comfortably into your hand and the blade depth is easily adjustable.

Dimensions: 94 x 49 x 40mm.



Mills
MASTER
CLASS
As good as it gets



PART NO.	DESCRIPTION	PRICE
E00-6626	MILLS STRIPPER CABLE SHEATH NO.5A	19.95
E00-6627	SPARE BLADE FOR STRIPPER CABLE SHEATH NO.5A	3.95

MILLS MASTERCLASS CABLE RINGING TOOL

The patented cable sheath stripper is designed specifically for removing the outer sheath from power and telecommunication (fibre and copper) cables with a diameter from .18" to 1.0" (4.5 to 25mm). It features an ergonomically shaped tool handle.

The blade is set for circumferential cutting with a control lever for repositioning the blade to enable a spiral or longitudinal cut. Blade cutting depth is easily adjustable.



Mills
MASTER
CLASS
As good as it gets



PART NO.	DESCRIPTION	PRICE
E70-5001	MILLS MASTERCLASS CABLE RINGING TOOL	14.86
E70-5003	SPARE BLADE FOR CABLE RINGING TOOL	2.70

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	27.93

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	52.20
E00-4824	REPLACEMENT STRIPPER BLADES PK 6	6.50
E00-4825	REPLACEMENT RING BLADES PK 6	6.50

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 its length, slitting the outer sheath into two halves.



PART NO.	DESCRIPTION	PRICE
E00-6625	MILLS MID SPAN ACCESS FIBRE SLITTER	19.02

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	55.98
E00-4987	SPARE BLADES (PK5)	10.82

DROP FIBRE 36F FIBRE OPTIC STRIPPER

"Butterfly" Drop Fibre stripping tool for Prysmian Group 36 Fibre Overhead Ultra Lightweight Cable, COF36F.

The ideal tool for the fast and safe removal of the outer sheath for Drop Fibre cables.

Lightweight, one piece moulded body with totally enclosed blades ensures a safe single handed push-on then pull-off operation in any working environment.

The precisely calibrated blades guarantee no damage to the internal fibres. This tool is also factory set therefore no adjustments are needed and it is ready to use out of the box.



PART NO.	DESCRIPTION	PRICE
E00-9575	DROP FIBRE 36 FIBRE OPTIC STRIPPER	16.67

JONARD MID SPAN SLITTERS

A) Designed to provide easy access to optical fibres in loose buffer tubes 1.2mm - 3.3 mm diameter. Features 6 precision grooves for buffer tube slitting: 1.2-1.5mm, 1.5-1.8mm, 1.8-2.1mm, 2.1-2.5mm, 2.5-2.9mm, 2.9-3.3mm.

B) Designed to provide easy access to optical fibres in loose buffer tubes 2.9mm - 6.8mm diameter. Features 5 precision grooves for buffer tube slitting: 2.9-3.6mm, 3.6-4.4mm, 4.4-5.2mm, 5.2-6.0mm, 6.0-6.8mm.

Replacement blades are available.



PART NO.	DESCRIPTION	PRICE
E00-6426	A) JONARD MS-6 MID SPAN SLITTER	63.50
E00-6427	B) JONARD MS-26 LARGE MID SPAN SLITTER	69.95
E00-6423	REPLACEMENT BLADE SET FOR E00-6426 (MS-6)	28.18
E00-4826	REPLACEMENT BLADE SET FOR E00-6427 (MS-26)	28.18

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	12.88

DROP FIBRE 12F FIBRE OPTIC STRIPPER

The ideal tool for the fast and safe removal of the outer sheath of 12F Drop Fibre cables. The lightweight, one-piece moulded "butterfly" body with totally enclosed blades ensures a safe single handed, push-on then pull-off, operation in any working environment. The precisely calibrated blades guarantee no damage to the internal fibres. The tool is factory set, requiring no adjustments and is therefore ready to use straight out of the box. Stripping Capacity: Overhead 12F Hybrid Drop Fibre.



PART NO.	DESCRIPTION	PRICE
E68-6809	DROP FIBRE 12F FIBRE OPTIC STRIPPER	17.95

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	44.95
C00-6786	REPLACEMENT BLADES (PK10)	1.50

TOOLING



MILLER ARMoured CABLE SLITTER 8MM-28.6MM

Professional grade tool ideal for slitting the corrugated copper, steel or aluminum armour layer on Fiber Feeder, Central Tube, Stranded Loose Tube fibre optic cables and other armoured cables.

Tool slits outer polyethylene jacket and armour in one operation:

- Performs longitudinal slitting and circumferential (ringing) for end stripping
- Blade rotates 90 degrees by activating blade lever, allowing easy mid-span preparation (ringing and slitting)



Adjustable from 0.315" (8mm) to 1.125" (28.6mm) cable outside diameter.

PART NO.	DESCRIPTION	PRICE
E00-0469	MILLER ARMoured CABLE SLITTER 8MM-28.6MM	89.89

ARMoured & MICRO CABLE SLITTER 4-10MM

Professional grade tool ideal for slitting the corrugated copper, steel or aluminum armour layer on Fiber Feeder, Central Tube, Stranded Loose Tube fibre optic cables and other armoured cables.

Tool slits outer polyethylene jacket and armour in one operation:

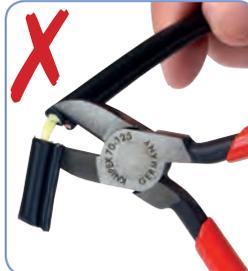
- Performs longitudinal slitting and circumferential (ringing) for end stripping
- Blade rotates 90 degrees by activating blade lever, allowing easy mid-span preparation (ringing and slitting)



Adjustable from 0.157" (4mm) to 0.393" (10mm) cable outside diameter.

PART NO.	DESCRIPTION	PRICE
E00-4742	ARMoured & MICRO CABLE SLITTER 4-10MM	105.86

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 drop 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	34.95

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	29.95

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 resulting in an effortless cutting action.

Length: 140mm.



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
E00-5004	MILLS KEVLAR SCISSORS	13.20

PART NO.	DESCRIPTION	PRICE
N70-7868	MILLS MASTERCLASS CABLE SCISSORS 140MM	11.93

TOOLING



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)	9.95

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)	10.95

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)	14.45

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	88.00
E00-6511	B) STRIPPER COAXIAL 9A	88.00

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	49.51

STRIPPER DROPWIRE 10A

Stripping tool for overhead Dropwire cables 10B, 11, 12 and CAD55. The ideal tool for the fast and safe removal of the outer sheath for Dropwire cables.



PART NO.	DESCRIPTION	PRICE
E68-5487	STRIPPER DROPWIRE 10A	12.50

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



NEW!

PART NO.	DESCRIPTION	PRICE
E00-6177	A) MILLS CATV COAX STRIPPER	7.30
E00-6178	B) REPLACEMENT BLADE CARTRIDGE RG6/59/7/11	2.75

MILLS COMPACT COAXIAL STRIPPER

For RG6/59 and RG7/11 coaxial cables, this compact stripper has pre-set blades to cut the outer jacket and strip the braid/dielectric to a length of 0.25" (6.4mm) in both stripping stations.



PART NO.	DESCRIPTION	PRICE
C00-8209	COMPACT COAXIAL STRIPPER	7.30

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	10.00
E00-5854	B) REPLACEMENT BLADE CARTRIDGE RG6/59/7/11	4.00

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 7.00 mm 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	6.40

MILLS 'STUBBY' COAXIAL STRIPPER

The 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.



- Easy to use; insert cable, rotate like a screwdriver and remove
- Tool will not cut the braid or score the centre conductor
- Replacement blade cartridges are easily changed and replaced

PART NO.	DESCRIPTION	PRICE
E00-6588	A) MILLS 'STUBBY' COAXIAL STRIPPER	7.95
E00-6589	B) REPLACEMENT BLADE CARTRIDGE RG6/RG59	2.75

LIGHTWEIGHT DROP TRIMMER (LDT MINI-125) COAXIAL STRIPPER

Lightweight and compact body design allows cable preparation of RG59, RG6 and N48 coax cable (std, tri and quad) without adjustment or blade cassette change out.

One-step cable preparation precisely exposes the centre conductor by 1/4" (6.35mm) and removes the proper length of jacket at 1/4" (6.35 mm).

For use with MINI (22-24) and N35 AWG drop cables.



PART NO.	DESCRIPTION	PRICE
E00-4980	LDT MINI-125 COAXIAL STRIPPER	11.85

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 RG62.



PART NO.	DESCRIPTION	PRICE
E00-1180	A) MASTERCLASS RG6/RG59 COAX STRIPPER	6.40
E00-2019	B) MASTERCLASS RG11/RG213 COAX STRIPPER	9.40
E00-1005	C) MASTERCLASS RG58/RG59/RG62 COAX STRIPPER	6.40

MILLS COAXIAL STRIPPER 3.5 - 5.0MM

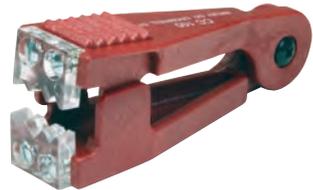
Rotary operation, 3-blade, coaxial cable stripper to remove cable jacket, braid and dielectric in one stripping operation. Suitable for RG coax cable sizes with an outside diameter of 3.5-5.0mm.



PART NO.	DESCRIPTION	PRICE
E00-3741	UNIVERSAL COAXIAL CABLE STRIPPER	9.40

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	17.74

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	16.13
E68-1047	B) BT 3002 COAXIAL CABLE STRIPPER	16.13

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	6.40

TWISTED PAIR (CAT5E/CAT6/CAT6A) STRIPPERS

A) MILLS CYCLOPS UTP/STP STRIPPER

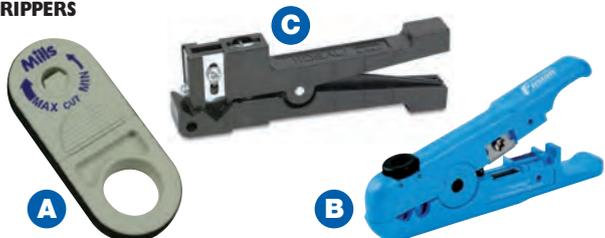
Cyclops data cable stripper for twisted pair (UTP & STP) & multicore (screened & unscreened video, data, audio, security) & fibre optic cables up to 11mm O.D.

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	7.33
T70-9957	B) FUSION TWISTED PAIR STRIPPER	5.90
E00-3035	C) IDEAL UTP/STP STRIPPER	20.00

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**

Cost effective 2A tool for IDC termination.

**KRONE OUTRIGGER**

Outrigger wiring aid for use with Krone systems.



PART NO.	DESCRIPTION	PRICE
C00-8998	A) GENUINE KRONE LSA-PLUS SENSOR WIRE INSERTER	22.92
T70-2877	B) FUSION KRONE STYLE WIRE INSERTER	6.53
C00-3522	C) KRONE™ OUTRIGGER 25A	24.62

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.

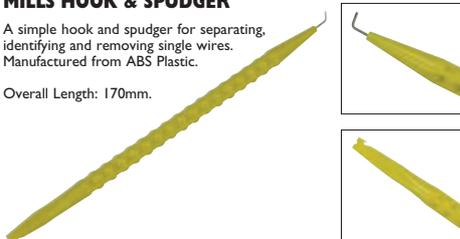


PART NO.	DESCRIPTION	PRICE
C00-3011	MILLS UTP, STP STRIPPER/INSERTION TOOL	2.99

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	2.45

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	20.00
C70-6894	B) SPARE 110 BLADE FOR ABOVE	7.30
C70-6896	C) KRONE BLADE FOR ABOVE	7.30

PART NO.	DESCRIPTION	PRICE
C00-7702	MILLS COMBINED WIRE INSERTER	13.80

GENUINE POUYET™ WIRE INSERTERS

Standard Pouyet Wire Inserter.

A)



Krone Pouyet Siemens Inserter.

C)

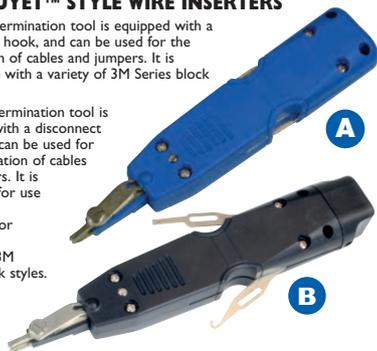


B) Combination Pouyet & Krone Wire Inserter. Also suitable for ECI IDCs.

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	39.68
C00-1084	B) KRONE/POUYET™ INSERTION TOOL	44.15
C00-4049	C) KRONE/POUYET™ SIEMENS TOOL	130.98

PART NO.	DESCRIPTION	PRICE
C00-6890	A) MILLS POUYET™ STYLE WIRE INSERTER	24.95
C00-6822	B) MILLS COMBINED KRONE/POUYET™ STYLE WIRE INSERTER	29.95

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
C00-901 I	INSERTER WIRE 9A (BIX STYLE)	21.77

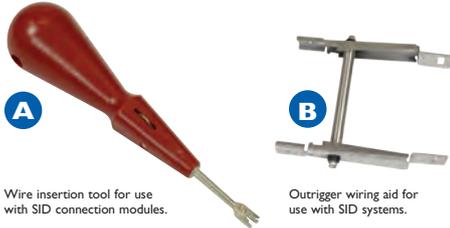
INSERTER WIRE 8A (PORTA)

Insertion tool used on Jacks Test Series 44-49.



PART NO.	DESCRIPTION	PRICE
C00-9002	INSERTER WIRE 8A (PORTA)	61.54

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	30.61
S83-2674	B) SID™ OUTRIGGER	33.95

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
E00-672 I	QDF STYLE TOOL	39.95

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)	50.19

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)	55.56

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	19.75

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	9.95
C00-9001	B) EXTRACTOR 58	24.62

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.

Bi-material "Comfort Grip" for extra control



Mills MASTERCLASS
As good as it gets

PART NO.	DESCRIPTION	PRICE
E70-5013	RJ45 RATCHET CRIMPER	19.89

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.

Bi-material "Comfort Grip" for extra control



Mills MASTERCLASS
As good as it gets

PART NO.	DESCRIPTION	PRICE
E70-5009	RJ45 SHIELDED HIROSE CRIMPER	32.50
E70-5010	RJ45 SHIELDED TELEGARTNER CRIMPER	32.50
E70-5011	RJ45 SHIELDED STEWART CRIMPER	28.60

MILLS MASTERCLASS RJ11 & RJ45 CRIMP TOOL

Multifunction RJ11 and RJ45 crimpier with ratchet action for consistent and secure crimps.



Mills MASTERCLASS
As good as it gets

PART NO.	DESCRIPTION	PRICE
E00-2026	RJ11, RJ45 RATCHET CRIMPER	21.00

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.



Mills MASTERCLASS
As good as it gets

PART NO.	DESCRIPTION	PRICE
E00-2017	HEAVY DUTY RJ11, 45 CRIMPER	30.60

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.

Bi-material "Comfort Grip" for extra control



Mills MASTERCLASS
As good as it gets

PART NO.	DESCRIPTION	PRICE
E72-1018	BT MODULAR PLUG CRIMP TOOL	18.00

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. 0.611" (15.50mm) & 0.186" (4.72mm).



Bi-material "Comfort Grip" for extra control

PART NO.	DESCRIPTION	PRICE
E70-5818	LMR400® COAX CRIMP TOOL	27.27
E70-5819	LMR600® COAX CRIMP TOOL	27.27

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.

Bi-material "Comfort Grip" for extra control



Mills MASTERCLASS
As good as it gets

PART NO.	DESCRIPTION	PRICE
E72-5014	BNC RATCHET CRIMP TOOL	13.80

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).

Bi-material "Comfort Grip" for extra control



Mills MASTERCLASS
As good as it gets

PART NO.	DESCRIPTION	PRICE
E70-5012	BNC & F CONNECTOR CRIMP TOOL	23.74

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
E65-6632	PLIERS CRIMPERS 8B (SCOTCHLOK™ CRIMPERS)	6.95

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	17.89
E00-4639	B) RIPLEY HEAVY DUTY F CRIMPER FOR RG6/59	31.14

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	214.67

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	70.30

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	166.05
E00-3505	B) SERIES 43 INNER CRIMPER	465.92
E00-1026	C) DIE SET FOR 2002	70.88
E00-1027	D) DIE SET FOR 2003	76.53
E00-1031	E) DIE SET FOR 3002	77.09

CORING TOOLS AND STRIPPERS

A) Coring & stripping tools for fibre cables

Manual or drill operation with built-in 3/8" (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

Cablematic
Cable Preparation Tools

PART NO.	DESCRIPTION	PRICE
C00-4199	A) STRIPPING & CORING TOOL .565	57.70
C00-4201	A) STRIPPING & CORING TOOL .840	60.85
C00-4185	A) STRIPPING & CORING TOOL .625	64.58
C00-4187	A) STRIPPING & CORING TOOL .750	64.58
C00-4189	A) STRIPPING & CORING TOOL .875	69.25
C00-4162	B) .500 JACKET, CORING STRIPPER	121.75
C00-4164	B) .540 JACKET, CORING STRIPPER	121.75
C00-4165	B) .715 JACKET, CORING STRIPPER	127.95
C00-4166	B) .860 JACKET, CORING STRIPPER	127.95
C00-4163	C) .500 JACKET STRIPPER	32.75
C00-4200	C) .565 JACKET STRIPPER	37.95
C00-4186	C) .625 JACKET STRIPPER	27.95
C00-4188	C) .750 JACKET STRIPPER	27.95
C00-4202	C) .840 JACKET STRIPPER	39.55
C00-4190	C) .875 JACKET STRIPPER	30.71

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	3.00

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	112.46

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	19.89
H00-5857	B) 7/16 RG6/59 TORQUE WRENCH	17.00

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)	6.50

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
C00-9844	A) 7/16 F CONNECTOR TOOL RG59/6	10.59
C00-9845	B) 9/16 F CONNECTOR TOOL RG7/11	10.39

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
C00-0775	A) F CONNECTOR TOOL SHORT 7/16 RG6/59	7.66
C00-0776	B) F CONNECTOR TOOL SHORT 9/16 RG7/11	7.66

MILLS F-CONNECTOR INSERTION & FLARING TOOL

For insertion of 59, 6, 7, & 11 Series "F" connectors.



PART NO.	DESCRIPTION	PRICE
C00-5985	MILLS F-CONNECTOR INSERTION & FLARING TOOL	9.90

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	3.80

TOOLING

WIRE WRAPPING AND UNWRAPPING

Wire wrapping is a method of making a wire connection by coiling the bare wire around the sharp corners of a terminal under mechanical tension, providing a high-reliability connection that is also easily removed to correct or modify a wiring layout.

The PTX series wire wrapping tools from OK Industries feature a lightweight, well-balanced construction, dual-finger short-throw trigger and a long handle to mitigate pressure on the palm. These features help prevent repetitive stresses and result in an industry-leading design from a comfort and safety standpoint. Mains and battery powered versions are available.

Supplied with a European style plug.



OK Industries.
Connecting
Technologies.



A
230V PTX
Power Tool



B PTX Battery Tool, PTX-BC2-UK Charger & 2 PTX-8 Batteries



C
Manual versions available as standard (C41-7210) or Aluminium 1000V Dielectrical Coated (C41-7211) Styles



D Wrapper Wire Terminating No.5

50v AC/DC power operated wire wrapping tool. Associated products: Holder Head Wrapping No.1 and Heads Wrapping 3G, to be ordered separately.

PART NO.	DESCRIPTION	PRICE
C41-8781	A) 230V ELECTRIC TOOL	283.80
C41-8782	A) 230V ELECTRIC TOOL WITH BACKFORCE	281.40
C41-8783	B) BATTERY POWERED PTX WITH CHARGER	325.45
C41-7210	C) MANUAL WRAPPING TOOL, LEXAN™	107.88
C41-7211	C) MANUAL TOOL, ALUMINIUM DIELECTRIC	143.33
S83-2715	D) WRAPPER WIRE TERMINATING NO.5	289.95

POPULAR WIRE WRAP BITS AND SLEEVES

Precision engineered bits and sleeves, compatible with any wire wrapping tools.



PART NO.	DESCRIPTION	PRICE
C41-7206	(A) WIRE WRAP BIT, 22-24 AWG	44.11
C41-7207	(C) WIRE WRAP SLEEVE, 22-24 AWG	18.58
C41-7208	(B) DUAL WRAP/UNWRAP BIT/SLEEVE SET 22-24 AWG	92.40
C41-7209	(B) DUAL WRAP/UNWRAP BIT/SLEEVE SET 24-26 AWG	122.54

HAND WRAP/UNWRAP TOOLS

Designed to produce perfect wire wrapped connections where only occasional wraps are required or where power wrapping tools are not practical.



PART NO.	DESCRIPTION	PRICE
C41-7212	A) WRAP/UNWRAP TOOL, 22-24 AWG	78.46
C41-7213	B) UNWRAP TOOL, LEFT & RIGHT HAND 20-26 AWG	27.46
C41-7214	C) UNWRAP TOOL, LEFT & RIGHT HAND 20-26 AWG	30.98
C41-7215	D) WRAP, STRIP AND UNWRAP TOOL 22-24 AWG	40.12

WRAPPING HOLDER HEAD NO.1

Holder for use with Wrapping Head 3G.



PART NO.	DESCRIPTION	PRICE
S83-2652	HOLDER HEAD WRAPPING NO.1	84.95

WRAPPING HEAD 3G

Used with Wrapper Wire 5 to cut, strip & wrap PVC insulated cables. Requires Wrapping Holder Head No.1.

Wire Diameter: 0.5mm.
Tag Diameter: 1.78mm.



PART NO.	DESCRIPTION	PRICE
S83-2649	WRAPPING HEAD 3G	69.95

BOSCH GSB 12V-15 CORDLESS COMBINATION IMPACT DRILL DRIVER

The Bosch GSB 12V-15 is a 12V Lithium-ion cordless combination drill. The package includes the drill, two x 2.0 Ah Li-ion batteries, quick charger, holster & is supplied in a strong L-BOXX storage case.

At 189 mm it has the shortest design in its class for optimum handling, especially when performing drilling and screwdriving applications overhead and in tight spaces.

- Max. drilling diameter in wood: 19mm
- Max. drilling diameter in steel: 10mm
- Max. drilling diameter in masonry: 10mm
- Max. Screw diameter: 7mm
- Weight incl. battery: 1kg
- Length: 189mm
- Height: 182mm

Includes:

- GSB 12V-15 LI Combi Impact Drill
- 2 x 12V 2.0 Ah Li-ion batteries
- Quick Charger (AL 1230 CV)
- Holster
- L-BOXX



PART NO.	DESCRIPTION
P09-6870	GSB 12V-15 LI COMBI DRILL 2 x 2Ah BATTERIES

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsld.com

BOSCH GSB 18-2-LI PLUS COMBI DRILL DRIVER

The GSB 18-2-LI Plus offers the best price/performance ratio among professional cordless combs.

- Max. drilling diameter in steel: 13mm
- Max. drilling diameter in wood: 38mm
- Max. drilling diameter in masonry: 13mm
- Weight incl. battery: 1.5kg
- Length: 202mm
- Width: 230mm

Includes:

- GSB 18-2-LI Plus Combi Drill Driver
- 2 x 18V 2.0 Ah Li-Ion batteries
- Quick Charger (AL 1820 CV)
- L-BOXX



PART NO.	DESCRIPTION
P09-4737	GSB 18-2-LI PLUS COMBI DRILL DRIVER 2 x 2Ah

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsld.com

BOSCH GBH 18 V-EC BRUSHLESS ROTARY SDS-PLUS HAMMER DRILL

The GBH 18 V-EC offers an unsurpassed combination of power and weight.

Features a long runtime (153 holes, 6 x 40 mm in concrete) with one battery charge (4.0 Ah) thanks to the efficient new brushless Bosch EC motor.

- Drilling dia. in concrete with hammer drill bits: 4-18 mm
- Opt. app. range in concrete with hammer drill bits: 4 -10 mm
- Max. drilling diameter in steel: 13mm
- Max. drilling diameter in wood: 20mm
- Weight incl. battery: 2.6kg
- Length: 285mm
- Width: 218mm

Includes:

- GBH 18 V-EC Brushless Rotary SDS-Plus Hammer Drill
- 1 x 18V 4.0 Ah Li-Ion battery
- Quick Charger (AL 1860 CV)
- L-BOXX



PART NO.	DESCRIPTION
P09-6080	GBH 18 V-EC ROTARY SDS-PLUS HAMMER 1 x 4Ah

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsld.com

BOSCH GBH 36 V-EC COMPACT BRUSHLESS ROTARY SDS-PLUS HAMMER DRILL

The GBH 36 V-EC offers the power of a corded drill with up to 160 drilled holes (6 x 40 mm in C30/37 concrete) with one battery charge and with a weight of just 2.9kg is ideal for overhead work. The pneumatic hammer mechanism is optimised for drilling 4mm to 12mm holes in concrete and the brushless Bosch motor is not only lightweight but virtually maintenance free as there are no carbon brushes to wear out.

- Drilling dia. in concrete with hammer drill bits: 4-18mm
- Opt. app. range in concrete with hammer drill bits: 4 -12mm
- Max. drilling diameter in steel: 13mm
- Max. drilling diameter in wood: 30mm
- Weight incl. battery: 2.9kg
- Length: 297mm
- Width: 83mm

Includes:

- GBH 36 v-EC Brushless Rotary SDS-Plus Hammer Drill
- 2 x 36V 2.0 Ah Li-Ion batteries
- Quick Charger (AL 3640 CV)
- L-BOXX (size 3)



PART NO.	DESCRIPTION
P09-6208	GBH 36 V-EC ROTARY SDS-PLUS HAMMER 2 x 2Ah

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsitd.com

BOSCH GBH 36 V-LI PLUS SDS-PLUS ROTARY HAMMER DRILL

This cordless rotary hammer will drill up to 240 holes in concrete with one battery charge (diameter 6 x 40 mm). It offers 3 functions: drilling, hammering, chiselling.

The quick charger provides 80% charge after only 25 minutes.

- Drilling dia. in concrete with hammer drill bits: 4-28mm
- Opt. app. range in concrete with hammer drill bits: 8 -18mm
- Max. drilling diameter in steel: 13mm
- Max. drilling diameter in wood: 30mm
- Weight incl. battery: 4.5kg
- Length: 383mm
- Height: 246mm

Includes:

- GBH 36 V-LI Plus Rotary SDS-Plus Hammer Drill
- 2 x 6.0 Ah Li-Ion batteries
- Quick Charger (GAL 3680 CV)
- L-BOXX (size 3)



PART NO.	DESCRIPTION
P09-4738	GBH 36 V-LI PLUS HAMMER DRILL 2 x 6Ah BATTERIES

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsitd.com

BOSCH GBH 5-38 D 110V SDS MAX ROTARY HAMMER DRILL

This sturdy yet lightweight rotary hammer features a SDS-max toolholder for drilling up to 38 mm diameter and includes a chisel function for universal application.

- Powerful 1050-watt motor
- High drilling rate when drilling in concrete thanks to optimised hammer mechanism technology
- Vario-lock with 12 different chisel positions
- Drilling diameter in concrete with hammer drill bits: 16 - 38 mm
- Drilling diameter in concrete with breakthrough drill bits: 45 - 55 mm
- Drilling diameter in concrete with core cutters: 40 - 90 mm
- Includes L-Boxx



PART NO.	DESCRIPTION
P09-6875	GBH 5-38 D 110V SDS MAX ROTARY HAMMER

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsitd.com

BOSCH GSA 18 V-LI CORDLESS 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 SDS mechanism. There are 2 speed settings for material specific working, making this a handy and versatile tool and the ergonomically shaped handle has a 'comfort zone' in the soft grip for a tight and secure hold. The 'comfort zone' also reduces user fatigue. It cuts over 100 spruce beams (100 x 100 mm) to length with only one battery charge.

- GSA 18 V-Li Cordless Sabre Saw
- 2 x 18V 5.0Ah Li-Ion batteries
- Quick Charger (AL 1880 CV)
- Metal Saw Blade
- Wood Saw Blade
- L-Boxx
- Cutting depth in wood: 250mm
- Cutting depth in metal: 130mm
- Stroke lengths: 28mm
- Weight incl. battery: 3.4kg
- Length: 450mm
- Width: 219mm



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
P09-6873	GSA SABRE SAW - 2 x 5Ah BATTERIES

BOSCH GOP 18V-28 CORDLESS MULTI-CUTTER

The Bosch GOP 18V-28 is a flexible cordless multi-cutter which packs as much power as a corded multi-tool with a high performance BRUSHLESS motor and keyless accessory change. This is the latest STARLOCK model with tool-less blade change. Comes with a 16 piece accessory kit consisting of 10 assorted blades, a delta sanding pad and 5 sanding sheets.

- GOP 18V-28 Multi-Cutter
- 2 x 2.0Ah Li-Ion Battery
- 1x Quick charger (AL 1860 CV)
- Assorted Plunge Cut Saw Blades
- Assorted Segment Saw Blades
- Assorted Grouting Blades
- Sanding Pad & 5 x Sheets
- L-Boxx
- Accessory Box



See page
346 for more
information and
applications

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
P09-6871	GOP MULTICUTTER - 2 x 2Ah BATTERIES

Can't find the power tool you're looking for?



DEWALT



BOSCH



Makita



HITACHI
Inspire the Next

Mills can source it for you!

5 PIECE S.D.S. PLUS MASONRY DRILL SET

Supplied in shellcase.

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	7.20

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	11.95

MASONRY AND MIXED DRILL SETS**A**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.

**B**

PART NO.	DESCRIPTION	PRICE
N36-5028	A) MASONRY DRILL SET 5 PIECE	4.97
N63-1065	B) BOSCH MIXBOX SET 15 PIECE	13.37

19 PIECE HSS (DIN338) DRILL BIT SETHSS-R DIN 338 19 piece set:
1-10mm in 0.5mm increments.

Supplied in a metal case.



PART NO.	DESCRIPTION	PRICE
N36-5018	19 PIECE HSS DRILL BIT SET IN METAL CASE	14.95

BOSCH 18 PIECE HSS-G DRILL BIT SETHSS-G 18 piece:
1, 1.5, 2.5, 3.5, 4.5, 5, 5.5,
6, 7, 8, 9, 10
and 2 x (2, 3 and 4mm).

PART NO.	DESCRIPTION	PRICE
N36-4736	18 PIECE HSS-G DRILL BIT SET 1-10MM	27.95

12 PIECE SDS PLUS DRILL & STEEL SET

A 12 piece set of SDS Plus masonry bits in a robust storage case.

Includes:

- 5.5, 6, 8, 10, 12, 14, 16, 18, 20mm SDS plus drill bits
- 250mm SDS plus chisel point steel
- 20mm x 250mm SDS plus chisel bit
- 250mm SDS plus chasing gouge



PART NO.	DESCRIPTION	PRICE
N36-1285	12 PIECE SDS PLUS DRILL & STEEL SET	18.40

FOR SCREWDRIVER BIT SETS, SEE PAGES 214-215

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	16.22
N47-1238	HSS TAPER DRILL 6-20MM	24.78
N47-1239	HSS TAPER DRILL 16-30MM	39.28

STARRETT HIGH SPEED HOLESAW

Available from 14mm to 152mm diameters.



PART NO.	DESCRIPTION	PRICE
N76-1202	14MM HOLESAW (9/16")	5.55
N76-1203	16MM HOLESAW (5/8")	5.75
N76-1204	17MM HOLESAW (1 1/16")	5.95
N76-1206	20MM HOLESAW (13/16")	6.15
N76-1208	22MM HOLESAW (7/8")	6.35
N76-1210	25MM HOLESAW (1")	6.75
N76-1213	30MM HOLESAW (1 3/16")	7.00
N76-1214	32MM HOLESAW (1 1/4")	7.25
N76-1216	35MM HOLESAW (1 3/8")	7.50
N76-1218	38MM HOLESAW (1 1/2")	7.75
N76-1219	40MM HOLESAW (1 5/8")	8.06
N76-1222	44MM HOLESAW (1 3/4")	8.45
N76-1225	51MM HOLESAW (2")	8.95
N76-1229	57MM HOLESAW (2 1/4")	9.42
N76-1232	64MM HOLESAW (2 1/2")	9.82
N76-1236	70MM HOLESAW (2 3/4")	10.18
N76-1238	76MM HOLESAW (3")	11.68
N76-1242	89MM HOLESAW (3 1/2")	12.32
N76-1246	102MM HOLESAW (4")	14.69
N76-1252	127MM HOLESAW (5")	28.23
N76-1253	152MM HOLESAW (6")	34.83
N76-1255	ARBOR 14 - 30MM 1/132 SHANK	6.48
N76-1258	ARBOR 30 - 152MM 1/132 SHANK	13.00
N76-1260	ARBOR 30 - 152MM 7/16 SHANK	13.00

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	64.22
N76-5030	B) ELECTRICIANS HOLESAW SET	57.31

ELECTRICAL BOX SINKER

Designed for installing Switch and Socket Boxes.

- Pre-drills the fixing hole
- Ideal for drilling in block and soft brick
- Rapid action rotary and hammer tool
- S.D.S+ drive system



PART NO.	DESCRIPTION	PRICE
N99-4253	ELECTRICAL BOX SINKER	103.43



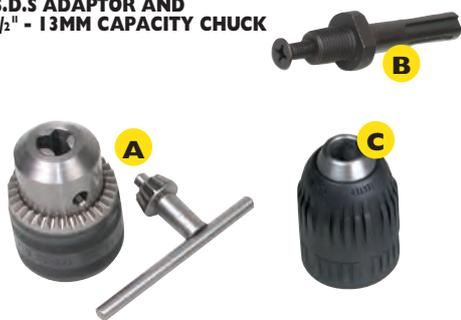
Circular cutter produces a flat back hole... ..and also pre-drills the fixing hole



Rapid action square hole cutter

Electrical box in place in under 3 minutes

S.D.S ADAPTOR AND 1/2" - 13MM CAPACITY CHUCK



PART NO.	DESCRIPTION	PRICE
P09-1039	A) 1/2" - 13MM CHUCK	7.10
P09-3016	B) S.D.S ADAPTOR	3.24
P09-1041	A & B) CHUCK & ADAPTOR	9.78
P09-9906	C) KEYLESS 1/2" -13MM CHUCK	12.77

S.D.S. TO 1/4" SQ. DRIVE ADAPTOR

Ideal for accepting 10 and 13mm socket for easy installation of satellite dishes and aerials



PART NO.	DESCRIPTION	PRICE
F70-5010	S.D.S.ADAPTOR X 1/4" SQUARE DRIVE	3.50

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	38.46
N99-7700	55MM S.D.S CHANNELING CHISEL	42.60

QUALITY HIGH SPEED WOOD AUGERS



For use with power tools & available in 235mm overall length.

PART NO.	DESCRIPTION	PRICE
N36-1162	6 X 235MM WOOD AUGER	4.38
N36-1163	8 X 235MM WOOD AUGER	4.51
N36-1164	10 X 235MM WOOD AUGER	5.91
N36-1165	12 X 235MM WOOD AUGER	6.22
N36-1166	14 X 235MM WOOD AUGER	6.38
N36-1167	16 X 235MM WOOD AUGER	7.71
N36-5019	20 X 235MM WOOD AUGER	8.28
N36-5020	25 X 235MM WOOD AUGER	12.78

S.D.S PLUS CHISELS AND POINTS



PART NO.	DESCRIPTION	PRICE
N09-3520	A) 10" POINT S.D.S PLUS	4.24
N09-3521	B) 10" X 1" CHISEL S.D.S PLUS	6.88
N09-3522	C) 10" X 1 1/2" SPADE CHISEL S.D.S PLUS	10.82

HIGH SPEED WOOD AUGERS S.D.S

Available with S.D.S shank 205mm & 400mm overall length



PART NO.	DESCRIPTION	PRICE
N36-1709	6 X 205MM S.D.S AUGER	7.28
N36-1710	8 X 205MM S.D.S AUGER	7.77
N36-1711	10 X 205MM S.D.S AUGER	8.53
N36-1712	12 X 205MM S.D.S AUGER	11.01
N36-1713	16 X 205MM S.D.S AUGER	11.23
N36-5021	20 X 205MM S.D.S AUGER	11.57
N36-5022	25 X 205MM S.D.S AUGER	12.55
400MM EXTRA LENGTH AUGERS		
N36-5024	12 X 400MM S.D.S AUGER	13.95
N36-5025	16 X 400MM S.D.S AUGER	21.24

HIGH QUALITY STRAIGHT SHANK MASONRY DRILLS**STANDARD SERIES MASONRY DRILLS**

PART NO.	DESCRIPTION	PRICE
N36-1171	5.0MM MASONRY DRILL (NO. 8)	0.98
N36-1172	5.5MM MASONRY DRILL (NO. 10)	1.09
N36-1173	6.0MM MASONRY DRILL	1.15
N36-1174	6.5MM MASONRY DRILL (NO. 12)	1.39
N36-1175	7.0MM MASONRY DRILL (NO. 14)	1.47
N36-1176	8.0MM MASONRY DRILL	1.50
N36-1178	10.0MM MASONRY DRILL	2.01

STRAIGHT SHANK LONG SERIES MASONRY DRILLS

PART NO.	DESCRIPTION	PRICE
N36-1180	8.0MM X 300MM MASONRY DRILL	3.66
N36-1184	13.0MM X 400MM MASONRY DRILL	6.75
N36-1185	16.0MM X 300MM MASONRY DRILL	7.00
N36-1186	20.0MM X 400MM MASONRY DRILL	7.75

HIGH SPEED TWIST DRILLS

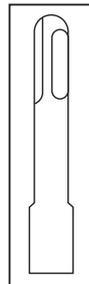
Complying with BS 328, DIN 338 & ISO 235/1.



PART NO.	DESCRIPTION	PRICE
N63-3000	1.0MM TWIST DRILL	0.30
N63-3001	1.5MM TWIST DRILL	0.33
N63-3002	2.0MM TWIST DRILL	0.34
N63-3003	2.5MM TWIST DRILL	0.35
N63-3004	3.0MM TWIST DRILL	0.36
N63-3005	3.5MM TWIST DRILL	0.40
N63-3006	4.0MM TWIST DRILL	0.40
N63-3007	4.5MM TWIST DRILL	0.51
N63-3008	5.0MM TWIST DRILL	0.55
N63-1009	5.5MM TWIST DRILL	0.74
N63-1010	6.0MM TWIST DRILL	0.78
N63-1011	6.5MM TWIST DRILL	0.93
N63-1012	7.0MM TWIST DRILL	1.00
N63-1013	7.5MM TWIST DRILL	1.16
N63-1014	8.0MM TWIST DRILL	1.37
N63-1015	8.5MM TWIST DRILL	1.43
N63-1016	9.0MM TWIST DRILL	1.63
N63-1017	9.5MM TWIST DRILL	1.79
N63-1018	10.0MM TWIST DRILL	1.84
N63-1019	10.5MM TWIST DRILL	2.47
N63-1020	11.0MM TWIST DRILL	2.82
N63-1021	11.5MM TWIST DRILL	3.05
N63-1022	12.0MM TWIST DRILL	3.26
N63-1023	12.5MM TWIST DRILL	3.41
N63-1024	13.0MM TWIST DRILL	3.57

PROFESSIONAL QUALITY S.D.S SHANK MASONRY DRILLS

Sizes quoted are for diameter x overall length



PART NO.	DESCRIPTION	PRICE
N36-1118	5.0 X 110MM SDS DRILL (NO. 8)	1.20
N36-1861	5.0 X 160MM SDS DRILL (NO. 8)	1.58
N77-0540	5.5 X 110MM SDS DRILL (NO. 10)	1.36
N77-0539	5.5 X 160MM SDS DRILL (NO. 10)	1.60
N36-1121	6.0 X 110MM SDS DRILL	1.45
N36-1122	6.0 X 160MM SDS DRILL	1.65
N36-5005	6.0 X 450MM SDS DRILL	4.76
N36-1123	6.5 X 110MM SDS DRILL (NO. 12)	1.52
N36-1124	6.5 X 160MM SDS DRILL (NO. 12)	1.70
N36-8161	7.0 X 160MM SDS DRILL (NO. 14)	1.75
N36-1187	7.0 X 210MM SDS DRILL	2.14
N36-1127	8.0 X 160MM SDS DRILL	1.80
N36-1863	8.0 X 260MM SDS DRILL	2.77
N77-0531	8.0 X 450MM SDS DRILL	4.95
N36-1129	10.0 X 160MM SDS DRILL	1.85
N36-1130	10.0 X 260MM SDS DRILL	3.39
N77-0541	10.0 X 450MM SDS DRILL	5.02
N77-0542	10.0 X 600MM SDS DRILL	6.07
N77-0533	10.0 X 1000MM SDS DRILL	13.39
N36-1132	12.0 X 260MM SDS DRILL	3.75
N77-0537	12.0 X 450MM SDS DRILL	5.23
N36-1192	12.0 X 600MM SDS DRILL	9.46
N36-1865	12.0 X 1000MM SDS DRILL	22.64
N36-1136	14.0 X 260MM SDS DRILL	4.46
N77-0544	14.0 X 450MM SDS DRILL	6.75
N77-0532	14.0 X 600MM SDS DRILL	9.56
N36-1866	14.0 X 1000MM SDS DRILL	25.44
N36-1139	16.0 X 200MM SDS DRILL	4.80
N77-0538	16.0 X 450MM SDS DRILL	7.75
N77-0543	16.0 X 600MM SDS DRILL	9.62
N77-0534	16.0 X 1000MM SDS DRILL	26.98
N77-0535	18.0 X 600MM SDS DRILL	15.62
N36-1142	20.0 X 200MM SDS DRILL	9.15
N36-1143	20.0 X 450MM SDS DRILL	12.95
N36-1196	20.0 X 600MM SDS DRILL	17.31
N36-1868	20.0 X 1000MM SDS DRILL	33.59
N36-1869	22.0 X 250MM SDS DRILL	10.68
N36-1870	22.0 X 450MM SDS DRILL	13.84
N36-1871	22.0 X 600MM SDS DRILL	20.79
N36-1873	25.0 X 250MM SDS DRILL	13.29
N36-1144	25.0 X 450MM SDS DRILL	19.78
N36-1874	25.0 X 1000MM SDS DRILL	58.32

PROFESSIONAL TRADE DOUBLE AND TRIPLE LADDERS TO BS EN131

- 'Push-up' operation
- High performance box-section alloy stiles
- Slip resistant square rungs
- Unique wrap around top clips
- Interlock clip locks sections together for safe use and transport
- Available in 2 (double) or 3 (triple) sections for ultimate range capabilities
- Max static load: 150kg



KITE MARKED TO BS EN 131

2 SECTION (DOUBLE) LADDERS (SAFE WORKING HEIGHTS)

PART NO.	DESCRIPTION	WEIGHT	PRICE
S00-1253	3.9M 2 SECTION (2.92M CLOSED)	8.2KG	85.02
S00-1254	5.1M 2 SECTION (3.42M CLOSED)	10.0KG	105.68
S00-1474	6.3M 2 SECTION (4.04M CLOSED)	12.6KG	119.40
S00-1475	7.4M 2 SECTION (4.42M CLOSED)	17.5KG	146.95

3 SECTION (TRIPLE) LADDERS (SAFE WORKING HEIGHTS)

PART NO.	DESCRIPTION	WEIGHT	PRICE
S00-1478	5.7M 3 SECTION (2.42M CLOSED)	13.7KG	101.54
S00-3017	7.4M 3 SECTION (2.92M CLOSED)	21.0KG	135.29
S00-1255	9.2M 3 SECTION (3.42M CLOSED)	25.8KG	164.63
S00-3018	10.9M 3 SECTION (4.04M CLOSED)	34.8KG	186.94

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	215.38
S00-9028	B) BT 7B GRP LADDER	353.85

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 Hc.Mtr.	Open Hc.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	44.13
S00-3055	5 TREAD STEP LADDER CLASS I	44.95
S00-3056	6 TREAD STEP LADDER CLASS I	45.38
S00-3057	7 TREAD STEP LADDER CLASS I	52.40
S00-3058	8 TREAD STEP LADDER CLASS I	57.75
S00-4279	10 TREAD STEP LADDER CLASS I	67.91
S00-4280	12 TREAD STEP LADDER CLASS I	90.25

NON-CONDUCTIVE FIBREGLASS SWING-BACK STEPS

CERTIFIED TO EN131

- Suitable for heavy trade use
- Wider tread spacing for faster easier access
- Integral tool rack
- Slip resistant treads and feet
- Braces for extra rigidity
- Max static load: 150kg

PART No.	Closed Hc.Mtr.	Open Hc.Mtr.	Weight (Kg)	Treads
S00-4255	0.85	0.77	4.25	4
S00-4167	1.1	0.99	4.85	5
S00-4256	1.34	1.22	5.50	6
S00-4168	1.58	1.44	6.5	7
S00-4257	1.81	1.70	7.50	8
S00-4169	2.29	2.11	9.5	10

NB: Specified number of treads includes top



PART NO.	DESCRIPTION	PRICE
S00-4255	4 TREAD FIBRE GLASS STEPS	52.66
S00-4167	5 TREAD FIBRE GLASS STEPS	62.03
S00-4256	6 TREAD FIBRE GLASS STEPS	65.74
S00-4168	7 TREAD FIBRE GLASS STEPS	75.69
S00-4257	8 TREAD FIBRE GLASS STEPS	82.63
S00-4169	10 TREAD FIBRE GLASS STEPS	113.42

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
- Carrying bag is also available.



PART NO.	DESCRIPTION	PRICE
S00-8015	XTEND & CLIMB TELESCOPIC LADDER	104.03
S00-8016	CARRY BAG FOR TELESCOPIC LADDER	28.88

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	69.23

FIBREGLASS PLATFORM STEPS EN131

CERTIFIED TO EN131

- Suitable for heavy trade use
- Large reinforced standing platform
- Wider tread spacing for faster easier access
- Integral tool rack
- Slip resistant treads and feet
- Braces for extra rigidity
- Handrail for safety
- Max static load: 150kg
- Non-conductive to 30,000 volts.



PART NO.	Closed Ht.Mtr.	Open Ht. Mtr	Rungs	Duty Rating Kg/Stone
S00-9599	1.56	1.44	4	110/17.3
S00-9600	2.04	1.89	6	110/17.3
S00-9601	2.51	2.31	8	110/17.3

PART NO.	DESCRIPTION	PRICE
S00-9599	FIBREGLASS PLATFORM 4 TREAD	75.48
S00-9600	FIBREGLASS PLATFORM 6 TREAD	94.23
S00-9601	FIBREGLASS PLATFORM 8 TREAD	110.12

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 0.7 m
- Platform Height - 0.51m
- Folded size - 0.734 x .0378 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	31.97

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	88.85
S00-9597	2.5M COMBINATION LADDER	114.23
S00-9598	3.0M COMBINATION LADDER	139.62

LITTLE GIANT TELESCOPIC STEP LADDERS

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 136kg. Complies with US OSHA/AINSI standard (equivalent to EN131).

No Rungs per section	Extension Height (m)	Step Height (m)	Trestle Height (m)	Storage Height (m)	Weight (kg)
3	2.13 – 3.35	0.91 – 1.52	0.91	1.09	12
4	2.74 – 4.57	1.22 – 2.13	1.22	1.40	16
5	3.35 – 5.79	1.52 – 2.74	1.52	1.70	19



PART NO.	DESCRIPTION	PRICE
S00-8010	TELESCOPIC STEP LADDERS 4 X 3 RUNG	138.66
S00-8011	TELESCOPIC STEP LADDERS 4 X 4 RUNG	176.48
S00-8012	TELESCOPIC STEP LADDERS 4 X 5 RUNG	200.17

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	23.88
S00-1187	B) LADDER STAND OFF - V	24.49

THE EXTRA

The Extra 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

- D Wheels are standard for safety and easy extending
- Lightweight. The Extra weighs approx 1.8 kg
- Quick fitting
- Fits all class of aluminium, glass fibre and timber ladders
- Single-piece design
- Higher reach and safer hand hold
- Suits windows of any width



PART NO.	DESCRIPTION	PRICE
S00-1189	THE EXTRA	72.14

"LADDERMATE"

"Laddermate" has been successfully tried and tested over a period of years and is now being used by many companies and individuals as a standard part of their equipment when using a ladder.

The easy to use "Laddermate" is assembled in seconds and offers the user peace of mind that a safer working environment has been created in which to work, and concentrate on the job in hand.

- Stops outward ladder slip
- Reduces ladder bounce
- Enhances sideways stability
- Ensures correct ladder angle
- Costs less than a day's pay for a 'Footer'



PART NO.	DESCRIPTION	PRICE
S00-4250	LADDERMATE	78.46

LADDERFIX MICROLITE

The ultimate Class I Industrial stand-off that instantly secures ladders at the top before climbing.

- "D" wheels
- Higher reach and safer handhold
- Windows of any width
- Ladders close down completely
- Quick fitting
- Single-piece design
- Fits timber or aluminium ladders
- Roof access, gutters and deep soffits

**"D" Wheels:**

These remarkable purpose built ladder wheels uniquely grip in all directions providing unprecedented levels of safety. Exclusively researched, developed and internationally presented.



PART NO.	DESCRIPTION	PRICE
S00-7710	MICROLITE	134.42

THE COMPACT

The Compact boasts both high reach and compactness with no bulky outriggers. Ideal for window cleaners and general maintenance.

- D Wheels are standard for safety and easy extending
- Lightweight. The Compact weighs approx 1.5 kg
- Quick fitting
- Fits all class of aluminium, glass fibre and timber ladders
- Single-piece design
- Higher reach
- Suits windows of any width
- Dual action Safety
- Easy handling



PART NO.	DESCRIPTION	PRICE
S00-1190	THE COMPACT	61.50

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	B) LADDER STOPS LARGE	54.80
S00-1492	C) LADDER STOPS EXTRA LARGE	79.17

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	57.34

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	86.62

LADDER LEVELLER

- Fits EN131 ladder
- Easily and quickly fitted
- Simple to adjust
- Stays permanently fitted to ladder
- Adjusts for incline in either direction, 75mm (3") up to 75mm (3") down
- 50 positions in 3mm steps
- 3 Year Guarantee



PART NO.	DESCRIPTION	PRICE
S00-3503	LADDER LEVELLER	52.50

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	14.67

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

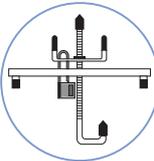


PART NO.	DESCRIPTION	PRICE
S00-3749	SAFECLAMP LADDER CLAMP (PAIR)	45.38

UNIVERSAL LADDER CLAMPS

305mm long x 55mm hook.

Sold in pairs.



PART NO.	DESCRIPTION	PRICE
S00-1259	PAIR LADDER CLAMPS	21.30

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	3.95
S00-7845	LADDER HOLDER ONLY	2.65
S00-7846	LADDER TAG INSERT ONLY	1.45

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.



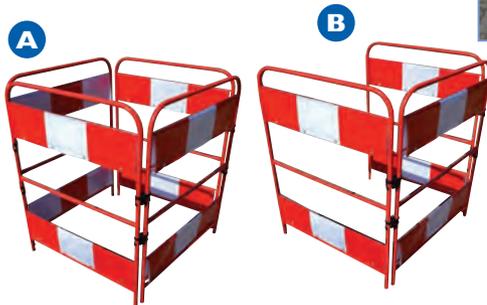
PART NO.	DESCRIPTION	PRICE
S99-1110	A) 38MM - 1 1/2" PADLOCK	2.71
S99-1111	A) 50MM - 2" PADLOCK	4.12
S99-1472	B) LONG SHACKLE PADLOCK	7.81
S00-7889	C) HEAVY DUTY CHAIN AND PADLOCK	14.40

METAL GATE GUARDS

Each gate measures 1M high x 750mm wide.

Features reversible reflective strips.

A clip-on pedestrian sign with reversible arrow is also available, as are replacement parts.



PART NO.	DESCRIPTION	PRICE
S00-1172	A) 4 SIDED GATE GUARD	59.95
S00-1170	B) 3 SIDED GATE GUARD	45.25
S00-4264	C) REVERSIBLE PEDESTRIAN BARRIER SIGN	13.66
S00-4744	D) REPLACEMENT GATE GUARD CLIP (EACH)	1.00
S00-4565	E) REPLACEMENT GATE REFLECTIVE STRIPS (PK 2)	5.67

BUNGY SIGNS

High quality roll-up reflective (BS873 – Class 2) signs, 600x 450mm and supplied with 4 Bungy Straps, making them able to be affixed easily to gate guards, road barriers, chain link fencing, etc.

We currently stock the Reversible Pedestrian Sign and are able to produce Customised Courtesy Signs, and other information designs to special order (min order 10).



Please ring our Sales Office to discuss your requirements on 020 8833 2626

PART NO.	DESCRIPTION	PRICE
S00-9621	A) BUNGY SIGN - PEDESTRIAN 600 X 450MM	27.28
S00-9622	B) BUNGY SIGN - COURTESY 600 X 450MM	POA

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.

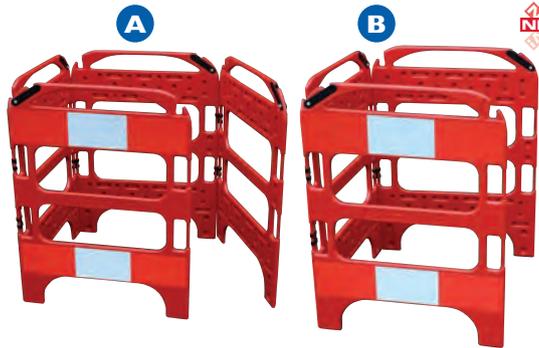


PART NO.	DESCRIPTION	PRICE
S00-1159	A) 18" (450MM) LOW INDEX CONE WITH SLEEVE	2.65
S00-1160	B) 30" (750MM) LOW INDEX CONE WITH SLEEVE	5.77
S00-3005	C) 39" (1000MM) LOW INDEX CONE WITH SLEEVE	13.73

SAFEGATE PLASTIC GATE GUARDS

Safegate is a folding barrier system designed to be used around manhole repairs, cable laying and other temporary excavations.

- Compliant with Chapter 8 Streetworks
- Modular design can be assembled as per required configuration
- Integral locking clamp to aid stability when the barriers are deployed in a straight line
- Hinged clips enable fast assembly in 3-way or 4-way configurations
- Made from HDPE
- Folds compactly for easy transportation and storage
- Individual barrier weight: 2kg



NEW!

3-way Safegate:

- Length single gate : 750mm
- Total length: 2250mm
- Height: 1000mm
- Total weight: 6kg

4-way Safegate:

- Length single gate: 750mm
- Total length: 3000mm
- Height: 1000mm
- Total weight: 8kg

PART NO.	DESCRIPTION	PRICE
S00-6123	A) 4-SIDED SAFEGATE	67.69
S00-5646	B) 3-SIDED SAFEGATE	50.76
S00-5598	C) REPLACEMENT SAFEGATE CLIP (EACH)	1.50

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



NEW!

PART NO.	DESCRIPTION	PRICE
S00-6089	A) STANDARD 2M MERGON BARRIER	32.50
S00-6087	B) FOLDING MERGON 2M BARRIER	41.50
S00-4864	REPLACEMENT ANTI-TRIP FOOT WITH SPIGOT	4.95

TRAFFIC SANDBAGS

Black 5kg traffic sandbags, supplied prefilled with gravel. Designed specifically for use as ballast on traffic signs, guard and barrier systems. Features a handle for quick and easy transportation and placement of the bag.



NEW!



PART NO.	DESCRIPTION	PRICE
S00-6725	TRAFFIC SANDBAG	9.95

TRAFFICSACK- WATER ABSORBENT TRAFFIC BAGS

TrafficSack is a slim, compact and lightweight traffic bag that is water absorbent to a weight of 8kg. This makes it easy to deliver to site but once immersed in water become very effective as weight ballast for gate guards and traffic barriers.

Supplied in packs of six.

NEW!



PART NO.	DESCRIPTION	PRICE
S00-5645	WATER ABSORBENT TRAFFIC BAGS PK6	17.95

750MM COLLAPSIBLE ROAD SIGNS



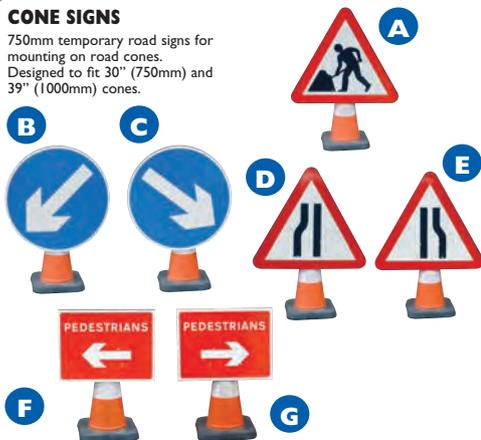
- Heavy duty galvanised steel frame
 - Erect in seconds
 - Easy to store
 - Ballast hanging hook
- Arrow road signs are reversible for left or right direction.



PART NO.	DESCRIPTION	PRICE
S09-9472	A) 750MM KEEP LEFT & RIGHT REVERSIBLE (610)	40.77
S09-9473	B) 750MM MEN AT WORK (7001)	33.00
S09-9474	C) 750MM ROAD NARROWS REVERSIBLE (517)	34.17
S09-9475	D) 600 X 450MM PEDESTRIANS REVERSIBLE (7018)	50.18
S09-9476	E) 'END' PLATE SUPPLEMENTAL ACCESSORY (ONLY)	14.75

CONE SIGNS

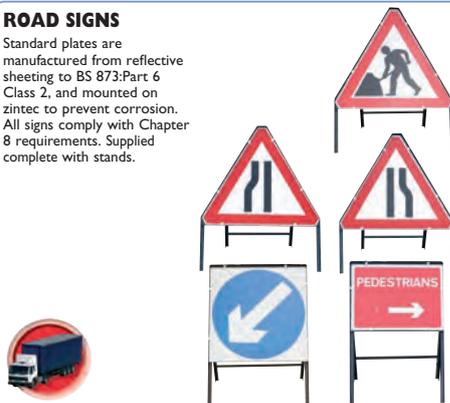
750mm temporary road signs for mounting on road cones. Designed to fit 30" (750mm) and 39" (1000mm) cones.



PART NO.	DESCRIPTION	PRICE
S00-8834	A) 750MM MEN AT WORK CONE SIGN	19.40
S00-8835	B) 750MM ARROW LEFT CONE SIGN	20.00
S00-8836	C) 750MM ARROW RIGHT CONE SIGN	20.00
S83-2698	D) 750MM ROAD NARROWS LEFT CONE SIGN	19.40
S83-2699	E) 750MM ROAD NARROWS RIGHT CONE SIGN	19.40
S00-3676	F) 650 X 450MM PEDESTRIAN LEFT CONE SIGN	16.80
S00-3677	G) 650 X 450MM PEDESTRIAN RIGHT CONE SIGN	16.80

ROAD SIGNS

Standard plates are manufactured from reflective sheeting to BS 873:Part 6 Class 2, and mounted on zincite to prevent corrosion. All signs comply with Chapter 8 requirements. Supplied complete with stands.



PART NO.	DESCRIPTION	PRICE
S00-5016	750MM MEN AT WORK (564)	21.54
S00-5017	750MM ROAD NARROWS RIGHT (517R)	21.54
S00-5018	750MM ROAD NARROWS LEFT (517L)	21.54
S00-5023	750MM ARROWS LEFT/RIGHT	25.37
S00-5020	1200MM MEN AT WORK	41.89
S00-5021	1200MM ROAD NARROWS RIGHT (517R)	41.89
S00-5022	1200MM ROAD NARROWS LEFT (517L)	41.21
S00-5024	1200MM ARROWS LEFT/RIGHT	57.62
S00-5025	600 X 450MM PEDESTRIAN SIGN	18.62

BARRIER TAPE

- Available in Red/White and Yellow/Black tape
- 500M rolls in handy dispenser box



PART NO.	DESCRIPTION	PRICE
S00-4262	RED/WHITE BARRIER TAPE	4.46
S00-8115	YELLOW/BLACK BARRIER TAPE	4.46

'CABLING IN PROGRESS'

LIGHTWEIGHT COLLAPSIBLE SIGN

Essential equipment for the professional installer. All cabling operations can be disruptive and potentially very hazardous. In view of this, and the need to keep to stringent health and safety guidelines, Mills offer these simple, lightweight signs which are fully collapsible for storage and ease of transport. Designed for internal use.

Highly visible, ideal for indoor use, folds flat.



PART NO.	DESCRIPTION	PRICE
S00-0621	CABLING IN PROGRESS SIGN	10.86

A CROWBAR INSULATED

60" Shocksafe
Insulated Chisel &
Point Crow Bar.

**B WRECKING BAR**

Length: 455mm.

**C TRENCHING FORK**

Available with steel or
wooden handles.

**D RUBBER MAUL**

Replacement shafts
available on request.

**E PICK AXE**

Replacement shafts
available on request.

**F 2½ LB CLUB HAMMER****G CROWBAR**

5 foot chisel and point.

**H 6" POINTING TROWEL****I 10" BRICK TROWEL****J 6" GAUGING TROWEL****K STEEL CONCRETE FLOAT****L GARDENING TROWEL**

Made from Stainless Steel.



PART NO.	DESCRIPTION	PRICE	PART NO.	DESCRIPTION	PRICE
S83-3679	A) CROWBAR INSULATED	58.37	S00-1226	G) CROWBAR 5 FT CHISEL/POINT	13.69
S00-3678	B) WRECKING BAR	3.20	S00-1232	H) 6" POINTING TROWEL	2.87
S00-1213	C) TRENCHING FORK (STEEL)	19.38	S00-1228	I) 10" BRICK TROWEL	2.20
S00-7891	C) TRENCHING FORK (WOOD)	17.80	S00-1236	J) 6" GAUGING TROWEL	2.60
S00-1211	D) RUBBER MAUL COMPLETE WITH HANDLE	22.69	S00-1233	K) STEEL CONCRETE FLOAT	4.83
S00-1223	E) PICK AXE COMPLETE WITH HANDLE	12.64	S00-1235	L) GARDENING TROWEL	3.95
J75-1020	F) 2½ LB CLUB HAMMER	5.80			

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.

SPADE DIGGING



PART NO.	DESCRIPTION	PRICE
S00-7890	A) SPADE DIGGING - WOOD	17.90
S00-1215	B) SPADE DIGGING - STEEL	14.15
S83-3314	C) SPADE DIGGING - POLYFIBRE PRO	18.00
S83-3315	D) SPADE DIGGING - SHOCKSAFE	43.69

SHOVEL STOKING NO.2 SQUARE



PART NO.	DESCRIPTION	PRICE
S83-3316	A) WOOD	11.46
S00-1209	B) STEEL	10.85
S83-3317	C) POLYFIBRE PRO	17.69
S83-3318	D) SHOCKSAFE	44.15

SHOVEL TRENCHING

PART NO.	DESCRIPTION	PRICE
S83-3119	A) WOOD	13.89
S00-1210	B) STEEL	14.15
S83-3320	C) POLYFIBRE PRO	18.00
S83-3321	D) SHOCKSAFE	44.69

CABLE LAYING SHOVEL

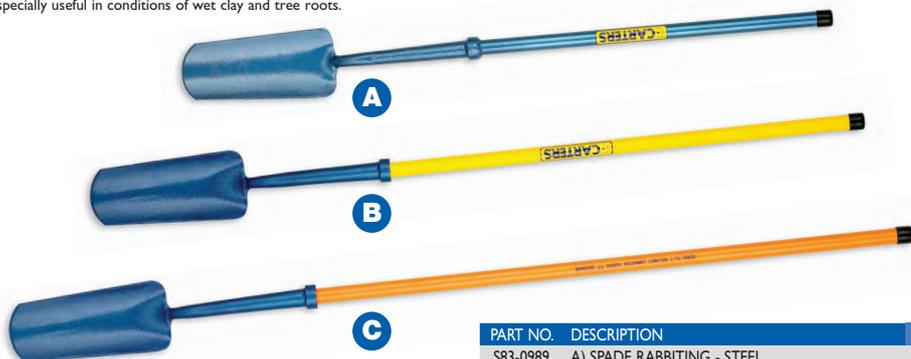
PART NO.	DESCRIPTION	PRICE
S00-7892	A) WOOD	17.90
S00-1220	B) STEEL	19.23
S83-3322	C) POLYFIBRE PRO	18.00
S83-3323	D) SHOCKSAFE	44.69

NEWCASTLE DRAINER

PART NO.	DESCRIPTION	PRICE
S83-3324	A) WOOD	16.22
S00-1221	B) STEEL	19.45
S83-3325	C) POLYFIBRE PRO	20.77
S83-3326	D) SHOCKSAFE	45.23

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	40.25
S83-0740	B) SPADE RABBITING - FIBREMAXPRO	45.07
S83-2899	C) SPADE RABBITING - SHOCKSAFE	56.85

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	56.77
S83-0843	B) BAR DIGGING - SHOCKSAFE	80.46

PUNNER HALF MOON

Used for back filling earth around poles.



PART NO.	DESCRIPTION	PRICE
S83-2980	A) PUNNER HALF MOON - STEEL	40.42
S83-2687	B) PUNNER HALF MOON - FIBREMAXPRO	66.82
S83-2688	C) PUNNER HALF MOON - SHOCKSAFE	91.69

SPOON EXCAVATING

Spoon shaped tool used when excavating holes for poles.



PART NO.	DESCRIPTION	PRICE
S83-0990	A) SPOON EXCAVATING - WOOD	46.12
S83-0991	B) SPOON EXCAVATING - FIBREMAXPRO	43.87
S83-2979	C) SPOON EXCAVATING - SHOCKSAFE	71.50

PUNNER IRON

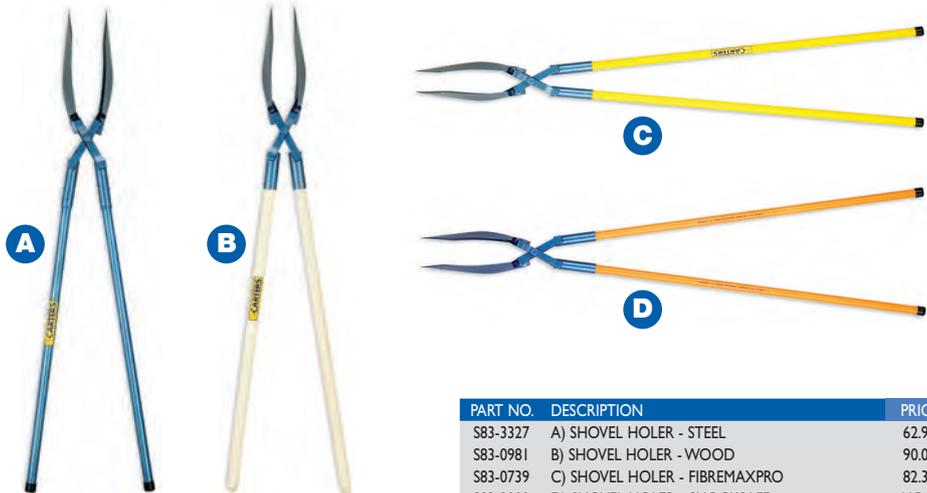
Square head 10lb Punner supplied with either steel or fibreglass handles.



PART NO.	DESCRIPTION	PRICE
S00-1234	A) PUNNER IRON - STEEL	17.96
S83-2982	B) PUNNER IRON - FIBREMAXPRO	37.71
S83-3328	C) PUNNER IRON - WOOD	15.97
S83-3329	D) PUNNER IRON - SHOCKSAFE	49.15

SHOVEL HOLER

Double shovel with scissor action , used when excavating poles.



PART NO.	DESCRIPTION	PRICE
S83-3327	A) SHOVEL HOLER - STEEL	62.94
S83-0981	B) SHOVEL HOLER - WOOD	90.00
S83-0739	C) SHOVEL HOLER - FIBREMAXPRO	82.37
S83-2900	D) SHOVEL HOLER - SHOCKSAFE	115.00

TOOLING

BRUSHES



PART NO.	DESCRIPTION	PRICE
R83-1053	A) 1" PAINT BRUSH	1.32
R83-1054	A) 1½" PAINT BRUSH	2.04
R83-1055	A) 2" PAINT BRUSH	2.30
R72-1007	B) 10" DUSTING BRUSH	1.60
R00-3007	C) BRUSH SASH TOOL 6A	1.79
R16-1071	D) BRUSH WIRE NO 1	1.88
S83-3680	E) BRUSH WIRE NO 2	3.80
S83-0894	F) BRUSH GUTTER	1.46

BRUSHES AND BROOMS



PART NO.	DESCRIPTION	PRICE
S00-1231	A) 10" SOFT BROOM	2.12
S00-1222	B) BASS BROOM	4.35
S00-9009	REPLACEMENT HEAD FOR BASS BROOM	2.60
S00-9010	REPLACEMENT HANDLE FOR BASS BROOM	1.66
S00-1250	C) DUSTPAN & BRUSH	1.15
S00-1462	D) 18" PLATFORM BROOM	4.91

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.



See page 228 for more information

PART NO.	DESCRIPTION	PRICE
S00-6671	MILLS MEASURING WHEEL	39.95

TRUMETER PROFESSIONAL MODEL 5000 ROAD DISTANCE MEASURER

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
S00-1264	TRUMETER MEASURING WHEEL	114.92



BUCKETS, TUBS & WATER CONTAINERS**A****B****C****NEW!****NEW!****D****E****F****G**

PART NO.	DESCRIPTION	PRICE
S83-0922	A) BUCKET GALVANISED (12L)	6.08
S00-1466	B) BUCKET RUBBER TEX (12L)	4.16
S00-1224	C) BUCKET PLASTIC (14L)	1.15
S00-0693	D) BUCKET FOLDING (14L)	4.03
S00-6551	E) BUCKET FOLDING (26L)	6.95
S00-6552	F) BUCKET FOLDING (38L)	8.95
S00-1252	G) WATER CONTAINER (10L)	5.12

DUSTBIN PLASTIC

Plastic dustbin complete with lid.

**SANDBAGS HESSIAN**

Hessian, 750mm x 325mm (30" x 13") with tie string. Packet of 5.



PART NO.	DESCRIPTION	PRICE
S00-1191	PLASTIC DUSTBIN	14.22

PART NO.	DESCRIPTION	PRICE
S83-3183	SANDBAGS HESSIAN PK 5	2.15

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	1026.67

JOINTER TENTS POP UP

A and D door models, supplied in yellow and white.

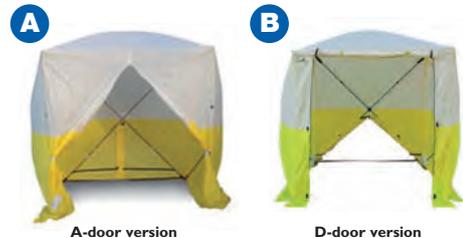
- Quick erect Jointer Tents
- Ready to use in less than 10 seconds!
- Manufactured from flame resistant fabric meeting CPAI/84 specifications.

These tents are light weight, easy to use and available in 'A Door' version and 'D Door' version (two zips). The D-Door version (2 zips) is the preferred choice for telecommunication use, being easily able to fit over most street enclosures.

Both tents have the same erect dimensions, 180 x 180 x 200cms, weighing just 8kg.

The tent can be quickly packed away into a carry bag (supplied).

Packed dimensions: A) 145 x 40 x 40cms.
B) 130 x 20 x 20cms



A-door version

D-door version

PART NO.	DESCRIPTION	PRICE
S00-9890	A) JOINTER TENT A-DOOR	265.33
S00-6702	B) JOINTER TENT D-DOOR	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.



C



PART NO.	DESCRIPTION	PRICE
S00-6750	A) TELECOMS JOINTERS TENT 1.8 x 1.8 x 2.0M	613.00
S00-6749	B) TELECOMS JOINTERS TENT 2.1 x 2.1 x 2.0M	645.00
S00-6952	C) TELECOMS JOINTERS TENT 1.0 x 1.0 x 1.8M	673.33

JOINTER'S TENT 12A

Traditional Telecom Joiners Tent, manufactured from translucent PVC, UV, Stable and Fire retardant material.

Dimensions (erected):
Width: 1.5m
Depth: 1.2m
Height (at apex): 1.8m
Dimensions (closed):
Width: 0.3m
Length: 1.2m
Height: 0.85m
Weight: 22kg



PART NO.	DESCRIPTION	PRICE
S83-0783	JOINTER'S TENT 12A	530.77

TRENCH TENTS

A) Economy Trench Tent manufactured from 4oz translucent white flame retardant BS7837 Polyester/Nylon. Erected in less than 20 seconds. Supplied with 2 guy lines, 2 tent pegs and lightweight storage bag. Erected dimensions: 2m x 1.9m x 1.7m. Folded dimensions: 1.45m x 1.5m x 1.5m. Weight: 7kg.
B) Heavy Duty Trench Tent manufactured from 350g heavy duty translucent white flame retardant BS7837 PVC, which makes it 100% waterproof, easy to store when wet and allows natural light through. Erected in less than 15 seconds. Supplied with 2 guy lines, 2 tent pegs and lightweight storage bag. Erected dimensions: 1.8m x 1.8m x 1.75m. Folded dimensions: 1.45m x 0.3m x 0.3m. Weight: 10kg.



PART NO.	DESCRIPTION	PRICE
S00-6780	A) UTILITY TRENCH TENT	189.00
S00-6781	B) HEAVY DUTY TRENCH TENT	530.00

MILLS FISHING STYLE UMBRELLA AND CLAMP

Dual action fishing style umbrella. Aluminium frame coated Nylon cover. 109cm rib. Mooring ring.



PART NO.	DESCRIPTION	PRICE
S00-3573	A) FISHING UMBRELLA	16.67
S00-3574	B) UMBRELLA CLAMP (PAIR)	22.07

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	146.00
S00-6711	B) HEAVY DUTY UMBRELLA + SIDE CURTAINS 1.8M 6FT	273.00
S00-6712	A) HEAVY DUTY UMBRELLA 2.4M 8FT	199.00
S00-6713	B) HEAVY DUTY UMBRELLA + SIDE CURTAINS 2.4M 8FT	365.00

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	109.00
S00-6715	B) ECONOMY UMBRELLA WITH SIDE CURTAINS 1.8M 6FT	243.00

UMBRELLA CLAMPS

A) 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.

B) 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
S00-6716	A) UNIVERSAL UMBRELLA CLAMP	65.00
S00-4876	B) STREET CABINET UMBRELLA CLAMP	POA

TOOLING

STOOL FOLDING

A traditional fold-up jointers stool.



PART NO.	DESCRIPTION	PRICE
S00-8418	STOOL FOLDING	12.82

CARRIAGEWAY GROUNDSHEET

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	19.95

SPOIL SHEET

A general purpose heavy duty spoil sheet. Square, double skin 2.1m.



PART NO.	DESCRIPTION	PRICE
S83-0702	SPOIL SHEET	99.37

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.



PART NO.	DESCRIPTION	PRICE
S83-0701	SHEET CANVAS	28.32

SHEET WATERPROOF 1

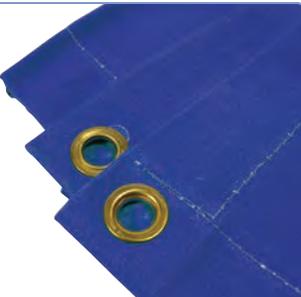
General purpose waterproof sheet size 5' x 4' 2".



PART NO.	DESCRIPTION	PRICE
S83-0699	SHEET WATERPROOF 1	20.34

SHEET WATERPROOF 2

Canvas sheet (22oz/sq.yd), size 6' 6". For general outdoor use. Fitted with eight eyelets around perimeter of sheet.



PART NO.	DESCRIPTION	PRICE
S83-0700	SHEET WATERPROOF 2	58.05

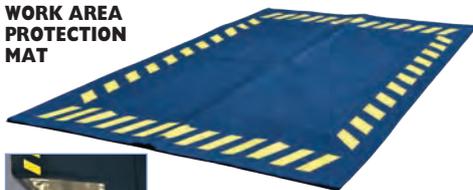
TARPAULINS & DUST SHEETS

A) General purpose tarpaulins available in 2 sizes.



B) General purpose dust sheet. 3.5 x 2.75m approximately

PART NO.	DESCRIPTION	PRICE
S00-1470	A) TARPAULIN 3.5 x 5.0M	8.30
S00-3600	A) TARPAULIN 6.0 x 8.0M	21.00
S00-1251	B) DUST SHEETS 3.5 x 2.75M	7.50
S00-6888	B) HALF SIZE DUST SHEET 1.85 x 1.0M	3.95

WORK AREA PROTECTION MAT

An 80 x 150cm mat with a liquid repellent backing to increase protection in the event of a spillage.

PART NO.	DESCRIPTION	PRICE
S00-4729	WORK AREA PROTECTION MAT	8.04

PUMP PORTABLE 2"

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: 27 kg Dimensions: 480 x 390 x 400m



PART NO.	DESCRIPTION	PRICE
S83-3249	PUMP PORTABLE 2"	368.08

PUMP PORTABLE 2" ACCESSORIES

Replacement accessories for Pump portable 2".



PART NO.	DESCRIPTION
S83-2985	A) FILTER
S83-2986	B) HOSE CONNECTOR
S83-2987	C) CLIPS
S83-2988	D) RUBBER SEALS
S83-2989	E) PLUG TOOL AND BAR

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsltd.com

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
S83-2983	HOSE SUCTION 2A

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsltd.com

HOSE LAY-FLAT 3A

Lay-flat Hose for use with Pump Portable 2", 15m length supplied. For use with Pumps submersible 3A & 4A and Pump Portable 2".

Cut to length, price dependent on length required.



PART NO.	DESCRIPTION
S83-2984	HOSE LAY-FLAT 3A

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsltd.com

PUMP SUBMERSIBLE 3A

Submersible type waterpump, 110v used to pump out underground structures. Suction hose and Lay-flat Hose 3A to be ordered separately.



PART NO.	DESCRIPTION	PRICE
S83-0708	PUMP SUBMERSIBLE 3A	355.38

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.



PART NO.	DESCRIPTION	PRICE
S83-0710	PUMP UTILITY BAILER	20.15

PORTABLE 2.2KVA PETROL GENERATOR

This generator is one of the most popular of its kind due to the power it produces despite its compact size, making it ideal for contractors. It's a cost-effective generator offering a max. power of 2.2kw running up to 12.5 hrs @ 50% load.

- Engine: 6.5HP
- Displacement: 196cc
- Starting System: Recoil Start
- Rated Power: 2KW
- Maximum Power: 2.2KW
- Frequency: 50Hz
- Sockets: 1 x 115v 16a, 1 x 230v 16a
- Run Time: 12.5 Hours @ 50% Load
- Compression Ratio: 8.3:1
- Noise Level: 65dBA @ 7m
- Dimensions: 475mm W x 475mm H x 595mm L
- Weight: 42kg



PART NO.	DESCRIPTION	PRICE
P57-6573	2.2KVA GENERATOR	265.00

PLASTIC FUEL CAN

5 litre



PART NO.	DESCRIPTION	PRICE
S83-3681	GREEN FUEL CAN FOR UNLEADED PETROL	5.02
S83-3682	BLACK FUEL CAN FOR DIESEL	6.59

FUNNEL

Plastic funnel with metal gauze filter and removable plastic spout. Thick durable plastic and large 160mm diameter.



PART NO.	DESCRIPTION	PRICE
S26-0294	FUNNEL	4.17

BLOWER COLD AIR INCLUDING HOSE

A robust polythene construction 110V Ventilator designed to supply cool clean air from outside a building environment.

Includes hose.



PART NO.	DESCRIPTION	PRICE
S83-0801	BLOWER COLD AIR WITH HOSE	290.77

FUEL SIPHON HAND PUMP

Hand-operated siphon pump suitable for transferring diesel, petrol, water and other inert liquids. Siphon bulb with one-way valve and barbed connectors on each end suitable for 3/8" I/D plastic flexible pipe. Two 900mm long flexible plastic transparent pipes suitable and approved for use with petroleum-based fluids nominally 3/8" I/D x 2mm wall thickness with one metal spring clip each end.



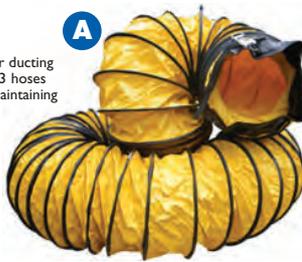
PART NO.	DESCRIPTION	PRICE
S26-4814	FUEL SIPHON HAND PUMP	12.95

REPLACEMENT BLOWER HOSE

A flexible 203mm diameter ducting hose 5m in length—up to 3 hoses can be joined whilst still maintaining efficient air supply.



B



A

PART NO.	DESCRIPTION	PRICE
S83-0802	A) REPLACEMENT BLOWER HOSE	86.15
S83-4865	B) HOSE COUPLER	22.22

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. Requires assembly. Weight: 6.34kg



PART NO.	DESCRIPTION	PRICE
S83-0754	PRO FLIP-TOP WORKBENCH	21.95

2 OUTLET TRANSFORMER

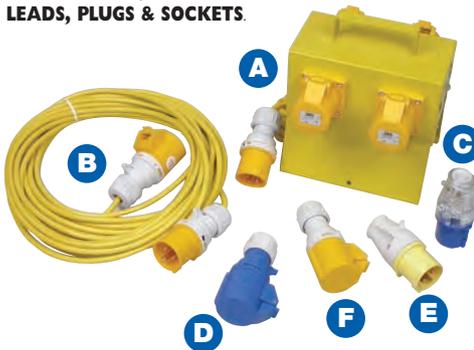
Manufactured in accordance with EN 61558-2-23 complete with 16amp plugs & sockets to British Standard 4343.

- 1.5 KVA
- 3.3 KVA



PART NO.	DESCRIPTION	PRICE
P44-1345	A) 1.5 KVA 2 OUTLET TRANSFORMER	38.40
P44-1347	B) 3.3 KVA 2 OUTLET TRANSFORMER	54.27

SPLITTER BOX, EXTENSION LEADS, PLUGS & SOCKETS.



PART NO.	DESCRIPTION	PRICE
P14-1000	A) 4 WAY SPLITTER BOX	21.58
P14-1001	B) 14M 110V EXTENSION LEAD	11.25
P44-1506	C) 240V PLUG	2.03
P44-7822	D) 240V 16 AMP INDUSTRIAL SOCKET	3.03
P44-1348	E) 110V PLUG	1.52
P44-1505	F) 110V SOCKET	2.76

INSPECTION LAMPS

Supplied with 5 metres of cable & available in 110v or 240v.



PART NO.	DESCRIPTION	PRICE
M99-1089	A) 110V INSPECTION LAMP	10.94
M99-1062	B) 240V INSPECTION LAMP	9.12

MILLS RECHARGEABLE LED FLOODLIGHT 10W

Lithium-ion rechargeable worklight. Includes mains charger and cigarette lighter adaptor for charging from vehicles.

- LED chip illumination
- IP 65 rated
- Working time: 3hrs
- 4400mAh Li-Ion Battery



PART NO.	DESCRIPTION	PRICE
M99-5797	RECHARGEABLE LED FLOODLIGHT 10W	29.99

FLOODLIGHTS

- A) 500WV - 110V floor floodlight complete with lead, plug & halogen bulb supplied with 5m 1.5mm artic lead
- B) 500WV - 110V telescopic tripod light (adjustable height) complete with 5m artic lead & halogen bulb
- C) 2 x 500WV - 110V heads mounted on adjustable telescopic tripod and supplied complete with 5M artic lead, plug and halogen bulb



PART NO.	DESCRIPTION	PRICE
P40-1329	A) 500WV FLOOR FLOODLIGHT 110V	11.64
P40-1331	B) 500WV TRIPOD LIGHT 110V	26.05
P40-1333	C) TWIN HEAD FLOODLIGHT 110V	36.70
P40-1335	SPARE 500WV HALOGEN BULB	1.71

PURE SINE WAVE 200W INVERTER

Ideal for use with TVs. Prevents screen interference associated with non isolated inverters.

- Power: 200W
- Output: 220-240V AC
- Input: 12V DC 50Hz
- 2 output sockets + USB



PART NO.	DESCRIPTION	PRICE
P99-4995	200W INVERTER	68.44

EXTENSION REELS

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 110V 16 amp reel with 2 sockets and 25m lead supplied with metal frame and grip handle.



E) Heavy Duty 240V 16 amp 25 metre reel supplied with fitted RCD adaptor with 30mA trip current. Features 2 sockets.

PART NO.	DESCRIPTION	PRICE	PART NO.	DESCRIPTION	PRICE
P85-7700	A) 10M 13AMP 240V REEL	9.33	P85-7703	C) 25M 16AMP 110V REEL	27.00
P85-7701	B) 25M 13AMP 240V REEL	24.00	P85-7820	D) 25M 13AMP 240V REEL WITH RCD	34.17
P85-7702	C) 50M 13AMP 240V REEL	39.17			

EXTENSION SOCKETS, 10 WAY POWER POD & RCD ADAPTORS

- A) 2m 4 way fused extension socket
 B) 2m 4 way "Anti-Surge" extension socket – protects computers and other sensitive electronic equipment against incoming and outgoing power surges and spikes
 C) 2m 4 way switched extension socket – each outlet has its own neon indicator switch
 D) A 10 way surge-protected power pod, ideal for powering a PC and attached peripherals. The vertical format, with 5 outlets on either side, saves floor space and provides a neater solution to traditional trailing lead extension strips.
 E) Plug in RCD adaptor with single outlet.

**MADE TO BRITISH STANDARD 7071**

PART NO.	DESCRIPTION	PRICE
P14-1006	A) 2M 4WAY FUSED EXT. SOCKET	5.42
P85-4255	B) 2M 4WAY ANTI SURGE EXT. SOCKET	5.50
P85-7821	C) 2M 4WAY INDIVIDUALLY SWITCHED	15.83
P85-8326	D) 10WAY POWER POD	23.06
P89-1363	E) RCD ADAPTOR (PLUG IN)	6.96

Total load must not exceed 13A



SITE BOXES

A) Van Vault 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 opportunist thieves. The Outback is fitted with a locking arm to keep the lid in place when open.

VAN VAULT**A****B****C****SPECIFICATION**

	A) VAN VAULT	B) SITE SAFE	C) OUTBACK
MATERIAL THICKNESS	1.2MM	3MM	2.5MM
LOCKS	1	2	2
KEYS SUPPLIED	1	2	2
SIZE (L X W X D) CM	92X56X49	126 X 70 X 69	137 X 60 X 49
COLOR	YELLOW	BLACK	YELLOW
WEIGHT	34KG	91KG	60KG
LIFTING POINTS	2	4	2
FORK LIFT POINTS	0	2	0

PART NO.	DESCRIPTION	PRICE
B99-3503	A) VAN VAULT	154.60
B99-3504	B) SITE SAFE	337.27
B99-7863	C) VAN VAULT OUTBACK	261.27

RATCHET TIE DOWN & STRAP

Length: 4.4 Metres.
Width: 25mm.

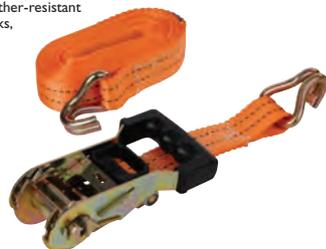


PART NO.	DESCRIPTION	PRICE
S00-7862	RATCHET TIE DOWN & STRAP	7.40

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.



PART NO.	DESCRIPTION	PRICE
S26-3685	RUBBER-HANDLED CARGO LASH 2 TON	12.84

12V MAGNETIC LAMPS

All supplied with 3M coily lead & cigar lighter plug.

**A****B**

PART NO.	DESCRIPTION	PRICE
S00-1177	A) 12V MAGNETIC LAMP	47.43
S00-0695	B) 12V MAGNETIC ROOF LAMP	39.35

DRAIN ROD SET (12 PIECE)

Comprising ten rods each 915mm long, double worm screw and plunger. 9M long when fully assembled. Manufactured from polypropylene with brass plated end connections.



PART NO.	DESCRIPTION	PRICE
S00-1469	DRAIN ROD SET (12 PIECE)	45.68

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	31.75
S26-3689	MULTIGRIP SNOW SOCKS MEDIUM	31.75
S26-3690	MULTIGRIP SNOW SOCKS LARGE	31.75
S26-3691	MULTIGRIP SNOW SOCKS XL	31.75
S26-3692	MULTIGRIP SNOW SOCKS XXL	31.75

HEAVY DUTY DRY VACUUM

Small vac, with skirted 9 litre container and useful top caddy for small tools, dusters, polish, etc. and storage for cable when not in use. The 10m plugged cable system allows easy replacement in the event of accidental damage.

Specifications:

- Motor Twinflo
- Power 230V AC 50/60Hz and 110V
- Motor Power 1200WV
- Airflow 45L/sec
- Suction 2600mm
- Capacity 9L
- Cleaning Range 26.8m
- Weight 6.1kg
- Size 355x355x430mm



Accessories:

- 300mm Combination Floor Nozzle
- 2 x Aluminium Extension Tube
- 240mm Crevice Tool
- 60mm Multi Angle Brush
- Aluminium Tube Bend with Volume Control
- 1.9m Nufflex Threaded Hose

PART NO.	DESCRIPTION
P88-5000	HEAVY DUTY VACUUM CLEANER 240V
P88-5001	HEAVY DUTY VACUUM CLEANER 110V
P88-1300	PACKET OF 10 SPARE BAGS

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

HENRY STYLE VACUUM

Small tub vac, features powerful 1200WV two stage motor with 2-speed hi/lo operation and all of the standard 'Henry' features plus longer 12.5m cable with rewind system.

Specifications:

- Motor Twinflo
- Power 230V AC 50/60Hz and 110V
- Motor Power 1200WV
- Suction 2600mm
- Capacity 9L
- Cleaning Range 31.8m
- Weight 6.9kg
- Size 355x355x415mm



Accessories:

- 300mm Combination Floor Nozzle
- 240mm Crevice Tool
- 2.4m Nufflex Threaded Hose
- 2 x Stainless Steel Extension Tube
- Double Taper Hose/Tool Adaptor
- 150mm Upholstery Nozzle
- Stainless Steel Tube Bend with Volume Control
- 65mm Soft Dusting Brush
- 150mm Slide on Brush for Upholstery Nozzle

PART NO.	DESCRIPTION
P88-9770	HENRY STYLE DRY VACUUM 240V
P88-9771	HENRY STYLE DRY VACUUM 110V
P88-1300	PACKET OF 10 SPARE BAGS

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

CHARLES WET AND DRY VACUUM

Powerful 1200W 2 stage motor. Safety float valve for wet use & big filters and disposable dust bags for dry use.

Specifications:

- Motor Twinflo
- Power 230V AC 50/60Hz and 110V
- Motor Power 1200WV
- Airflow 40L/sec
- Suction 2500mm
- Capacity Dry, 15L. Wet, 9L
- Cleaning Range 26.8m
- Weight 7.1kg
- Size 355 x 355 x 500mm



Accessories:

- Aluminium Tube Bend with Volume Control
- 150mm Slide on Brush for Upholstery Nozzle
- 240mm Crevice Tool
- 300mm Combination Floor Nozzle
- Double Taper Hose/Tool Adaptor
- 2.4m Nufflex Threaded Hose
- 2xAluminium Extension Tube
- 300mm Wet Pick Up Nozzle
- 150mm Upholstery Nozzle
- 65mm Soft Dusting Brush

PART NO.	DESCRIPTION
P88-9772	CHARLES WET AND DRY VACUUM 240V
P88-9773	CHARLES WET AND DRY VACUUM 110V
P88-0018	PACKET OF 10 SPARE BAGS

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

FINE FILTER VACUUM

A heavy duty portable vacuum with 0.3 micron fine filter. Particularly useful for service and telecom engineers for removal of fine particles, dust and photocopier toner.

Features include

- 4 pc accessories kit
- Quiet running - electronic line filter suppresses EMI/RFI noise making it one of the quietest toner vacuums available today
- ESD safe-conductive construction provides maximum static protection
- Filter box-compatible with 3M toner vacuum

Specification

- Motor size: 775W
- Dimensions: 490 x 190 x 240mm
- Weight: 4.75kg



PART NO.	DESCRIPTION
P88-7965	TONER VAC
P88-7966	FILTER BOX - EACH

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

DUSTBUSTER FLEXI CORDLESS HANDHELD PD1080 VACUUM

Portable, compact, hand-held 10.8V Lithium-Ion rechargeable Vacuum cleaner.

Features

- 10.8V Lithium-ion battery technology providing cordless operation
- Eco smart charge in under 4 hours
- Unique integrated 1.5m flexible hose
- Quick and easy empty feature - simply open the side door and empty the debris out.
- Includes short crevice tool and soft brush
- Bagless system
- Charger included



PART NO.	DESCRIPTION
P88-3693	DUSTBUSTER

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

TOOLING



COVER LIFTERS, PIT KEYS, DUCT RODS & CABLE SOCKS can be found in External Underground

Starts page 313

Duct Rods



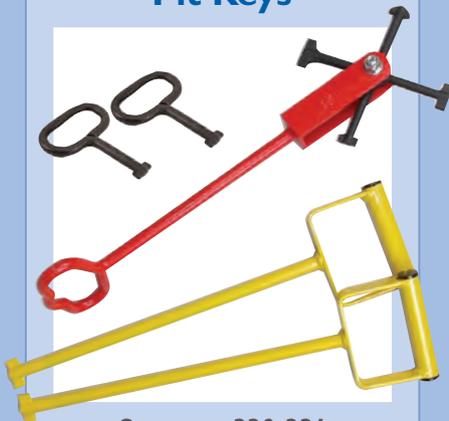
See page 314-317

Cable Socks



See page 321

Pit Keys



See page 330-331

Cover Lifters



See page 332

EXTRA LARGE CABLE ROLLER STAND

For cable reels up to 1000mm diameter.
Maximum carrying capacity 700kgs.

Dimensions:

Height 160mm x Width 750mm x Length 780mm



PART NO.	DESCRIPTION	PRICE
S00-5000	EXTRA LARGE CABLE ROLLER STAND	167.45

ALUMINIUM CABLE ROLLER STANDS

Cable drum unreeling frame in light alloy. Suitable for a safe and fast unrolling of cable drums. The sturdy frame is manufactured in an aluminium alloy structure, with galvanized steel revolving rollers. 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. Available in two sizes.

Features:

- Adjustable rubber supports
- Re-positioning galvanized steel rollers with spring closing device
- Ramps with minimum angle of inclination, designed for easy and safe loading
- Anti-sliding ramps



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 mm and max. drum weight 250kg. Weight: 11kg.

PART NO.	DESCRIPTION	PRICE
S03-6600	A) STANDARD CABLE ROLLER STAND	123.28
S03-4817	B) LARGE CABLE ROLLER STAND	149.97

CABLE DRUM ROLLER RAILS

A pair of robust roller rails capable of accepting reels with diameters from 400mm to 800mm, and a maximum weight of 200kg



PART NO.	DESCRIPTION	PRICE
S00-5013	CABLE DRUM ROLLER RAILS (PAIR)	146.60

HEAVY DUTY CABLE DRUM ROLLER RAIL

Heavy duty and extra heavy duty cable roller rails featuring aluminium rollers.

Please note these roller rails are sold/supplied individually, however a pair is required for operation.



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

PART NO.	DESCRIPTION	PRICE
S00-6173	A) HEAVY DUTY CABLE ROLLER RAIL (SINGLE)	166.66
S03-6601	B) EXTRA HEAVY DUTY CABLE ROLLER RAIL (SINGLE)	181.34

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 up to 360mm, a maximum width of 330mm and a spindle diameter 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.

In addition, the cable caddy has a comfort carry handle and is very balanced when carrying cable of all sizes and weights.

A 30mm tie off ring is provided to assist with storage and transportation.

Key Features

- Ideal for communication, security and power cable or a combination of all three.
- Suitable for most cable reels with a diameter up to 360mm
- Compact and lightweight design
- Quick action, antiluce fitting to quickly secure and release reels



PART NO.	DESCRIPTION	PRICE
S00-5796	UNIVERSAL CABLE DRUM DISPENSER	28.75

DISPENSER DROPWIRE 2B

A specialist cable stand and dispenser, manufactured from a tubular steel construction. Features 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.



PART NO.	DESCRIPTION	PRICE
S00-8426	DISPENSER DROPWIRE 2B	131.66

CABLE DEREELER

For dispensing reeled cables, Fitted with dual-locking mechanism.

Size: 600 x 300mm

Features removable spindle.

Load Capacity: 50kg.



PART NO.	DESCRIPTION	PRICE
S00-8175	CABLE DEREELER	20.83

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	29.87

UNIVERSAL CABLE DRUM STAND

Suits drums up to 600mm diameter, 500mm width and weight of 100kg.

Dimensions:
780 x 750 x 180mm

Weight: 10 kg



PART NO.	DESCRIPTION	PRICE
S00-1200	24" CABLE DRUM STAND	41.93

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	42.89

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	764.29
C00-3532	6 TONNE HYDRAULIC CABLE JACKS	952.58
S00-6764	10 TONNE HYDRAULIC CABLE JACKS	1165.71

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)	341.43
C00-3125	SPINDLE FOR ABOVE (3T)	48.21
C00-3126	LOCKING COLLARS (3T)	31.15
C00-3502	6 TONNE CABLE JACK (PAIR)	355.71
C00-3503	SPINDLE FOR ABOVE (6T)	51.92
C00-3504	LOCKING COLLARS (6T)	38.45

GALVANISED FIXING CONES

A range of galvanised fixing cones for securing drums in place on spindles.

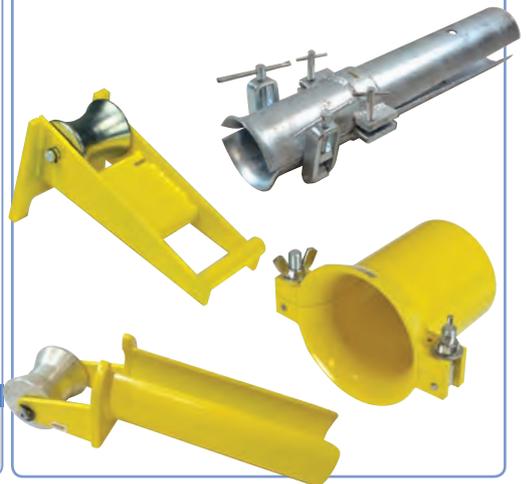
Supplied individually, however a pair is required for operation.



- 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	70.00
S03-4867	B) GALVANISED FIXING CONE 75MM SPINDLE	120.00
S03-4868	C) GALVANISED FIXING CONE 90MM SPINDLE	193.15

“Looking for cable guides, see pages 288-289”



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
S00-6929	CABLE PULLING WINCH (UNDERGROUND FRAME)

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S00-6930	CABLE PULLING WINCH (PIT FRAME)

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com



WE OFFER A RANGE OF CABLE DRUM TRAILERS AND WINCHES



CABLE DRUM TRAILERS HIGHWAY RANGE

TOOLING



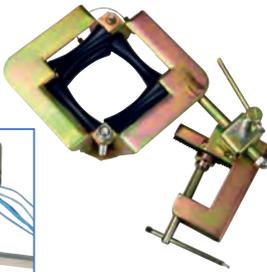
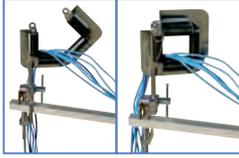
TELECOMMUNICATION PULLING WINCH

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	103.87

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	35.78
S00-1241	NO.2 SPLIT BELLMOUTH	40.24

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	66.63

ROLLER ROPE GUIDING SURFACE

Used to guide draw ropes and cabling ropes out of joint boxes avoiding fraying to the rope. The unit comprises 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	51.36

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	113.16

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	130.67

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	427.14
S83-0985	B) GUIDE CABLING 4B	244.38

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
S83-0986	A) GUIDE CABLING 6A
S83-2645	B) GUIDE CABLING 6B

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

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	25.36

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	110.77

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	79.95

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.

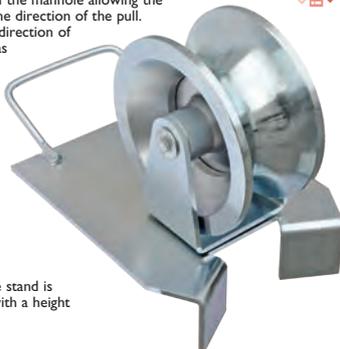
Weight: 6kg.

PART NO.	DESCRIPTION	PRICE
S03-4754	SWIVELLING EDGE ROLLER NO.1	79.23

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	125.69

See our External Underground section pages 313-346 for

- Duct Rods
- Cobras
- Cabling Ropes
- Lifting Keys
- Cover lifters

MILLS STANDARD ROD SET

Ideal for use for installations in false ceilings and raised floors.

Manufactured from new and innovative materials: A basalt fibre core with polypropylene coating which guarantees the highest flexibility, resistance and shape stability whilst ensuring sheer strength and reliability.

The system is comprised of a set of easily connectable rods and a selection of essential accessories complete with storage/transporation bag.

The standard set comprises 5 x 1m sections:

- Qty 2: 5.6mm x 1000mm (red)
- Qty 3: 4.6mm x 1000mm (yellow)
- Flexible nylon rod 175mm
- Chain
- Round starting head
- Pulling eyelet with ring
- Magnet



PART NO.	DESCRIPTION	PRICE
S03-6610	MILLS STANDARD ROD SET	36.95

MILLS BIG ROD SET

Ideal for use for installations in false ceilings and raised floors.

Manufactured from new and innovative materials: A basalt fibre core with polypropylene coating which guarantees the highest flexibility, resistance and shape stability whilst ensuring sheer strength and reliability.

The system is comprised of a set of easily connectable rods and a selection of essential accessories complete with storage/transporation bag.

The Big Set comprises 10 x 1m sections:

- 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:

- Flexible nylon rod 175mm
- Cable pulling grip
- Chain
- Super beam LED
- Threader
- Round starting head
- Adaptor
- Pulling eyelet with ring
- Magnet
- Hook



PART NO.	DESCRIPTION	PRICE
S03-6609	MILLS BIG ROD SET	66.34

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	16.42

CABLE CASTER™

A simple, but effective product which allows a dart, attached with a strong Nylon line, to be propelled up to 50 foot (15 metres) across void areas, such as suspended ceilings. Cabling can then be attached and pulled into position.

- 50ft (15m) range
- Labour saving
- Glow-in-the-dark green darts for easy location
- Supplied with 3 darts



Cablematic

PART NO.	DESCRIPTION	PRICE
C00-4388	CABLE CASTER™	53.49
C00-4389	REPLACEMENT DARTS (PKT 3)	7.23

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.



A



(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.

B



(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

(C) Under Carpet Tape 7.5M (25ft)

This under carpet tape is made from annealed stainless steel and is flat for running wire 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 25 ft (7.5m).

D



(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.

F



(F) Polyester Draw Wire 15m (49ft)

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 on one end and a fixed brass pulling eye on the other.

G



(G) Polyester Draw Wire 25m (82ft)

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.

H



(H) Fibreglass Fish Tape 20m (65ft)

20m length, 3mm diameter fibreglass core with outer Polypropylene coating.

Comes complete with starting / ending M5 threaded end fitting.

E



(E) 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.

PART NO.	DESCRIPTION	PRICE
C00-1561	A) 16M FIBREGLASS FISH TAPE	35.28
C00-3015	B) 30M STEEL FISH TAPE	18.80
C00-8424	C) 7.5M UNDER CARPET TAPE	75.55
S00-5002	D) 10M 4MM NYLON DRAW WIRE	7.50
S00-5003	D) 30M 4MM NYLON DRAW WIRE	14.23
C00-9038	E) 7.5M FISH TAPE WINDER REEL	26.68
S03-6613	F) 15M 4.5MM POLYESTER DRAW WIRE	29.95
S03-6614	G) 25M 4.5MM POLYESTER DRAW WIRE	33.50
S03-6615	H) 20M 3MM FIBREGLASS FISH TAPE	52.50

RAPID CABLE TACKERS

Designed specifically for the communications industry featuring a "No Cable Crush" facility. S57-1107 - Rapid R28 - To suit a maximum of 4.5mm diameter telecom cabling. S57-1110 - Rapid R36 - To suit a maximum of 6mm diameter cabling.



R28 / R36



Staple
9-11 mm



Staple
10-14 mm

PART NO.	DESCRIPTION	PRICE
S57-1107	RAPID R28 CABLE TACKER	31.76
S57-4157	PACK 5000 GALV. 9MM STAPLES (R28)	11.45
S57-1108	PACK 5000 GALV. 10MM STAPLES (R28)	13.45
S57-1109	PACK 5000 WHITE 10MM STAPLES (R28)	15.45
S57-1110	RAPID R36 CABLE TACKER	41.49
S57-4158	PACK 5000 GALV. 12MM STAPLES (R36)	14.77
S57-1111	PACK 5000 GALV. 14MM STAPLES (R36)	15.55
S57-1112	PACK 5000 WHITE 14MM STAPLES (R36)	17.55

CARPET TILE LIFTER

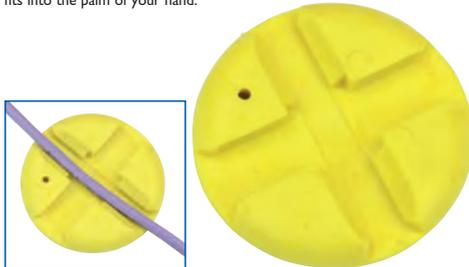
Strong aluminium construction
Sharp spike tooth grip
"Lift to release" feature
Sold individually



PART NO.	DESCRIPTION	PRICE
S00-3626	CARPET TILE LIFTER	120.31

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	PULL PUCK	2.94

ACME WIRING AND CABLE TACKER

The new 25AC ACME Cable Tacker has been designed in conjunction with the leading telecom utilities to provide a patented "No Crush" action, preventing signal loss. Indeed, because of this patented action, it is the only tacker to be allowed by a growing number of organisations, who are continually demanding increased speeds from their networks.

The staples will tack cable up to a wire diameter of 6.35mm (1/4") and consequently are ideal for use on RG6 and RG59 cables. To enhance the fixing, ACME staples have off-set legs which have a glue coating that acts as a lubricant, before setting. The staples are available in packs of 5000 and in galvanised, black or white.

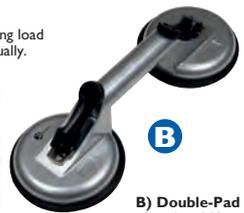


PART NO.	DESCRIPTION	PRICE
S82-8445	ACME WIRING TACKER	37.26
S82-8446	GALV. STAPLES 15MM PKT 5000	13.92
S82-8447	BLACK STAPLES 15MM PKT 5000	14.70
S82-8448	WHITE STAPLES 15MM PKT 5000	14.70

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.

PART NO.	DESCRIPTION	PRICE
S70-5005	A) SINGLE-PAD SUCTION LIFTER	7.75
E22-6374	B) ALUMINIUM DOUBLE-PAD SUCTION LIFTER	19.95
S00-3627	C) TRIPLE-PAD SUCTION LIFTER	15.58

For cable lubes

See pages
326-327
in the
External
Underground
section



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.



B) SAFETY SPECTACLES

Economical single polycarbonate lens wraparound style. Moulded browguard and vented side shields. Conforms to EN 166.1.FT.



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.



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.



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.



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.



PART NO.	DESCRIPTION	PRICE
S26-1335	A) IMPACT GOGGLES BS 2092 GD	1.17
S26-1069	B) SAFETY SPECTACLES EN 166.1.FT.	1.58
S26-5924	C) BOLLE BANDIDO II SAFETY SPECTACLES	4.25
S26-5925	D) BOLLE BANDIDO SAFETY SUN SPECTACLES	4.97
S26-6623	E) BOLLE PILOT SAFETY GOGGLES	12.60
S26-5927	F) LASER SAFETY SPECTACLES	153.33

HEAD PROTECTION



A) SHORT PEAK (2CM) SAFETY HELMET

Features adjustable harness and fully adjustable slip ratchet headband. Conforms to EN397, ANSI Z89, EN50365.



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.



C) Chin strap for securing safety helmets.



D) Baseball Bump Hat designed as a safeguard against accidental bumping or scraping of the head. Conforms to EN812

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
S26-3674	A) SHORT PEAK SAFETY HELMET	8.69
S26-1333	B) BLUE SAFETY HELMET	3.10
S26-1334	B) RED SAFETY HELMET	3.10
S26-1332	B) YELLOW SAFETY HELMET	3.10
S26-6932	B) ORANGE SAFETY HELMET	3.10
S26-6958	B) GREEN SAFETY HELMET	3.10
S26-6931	B) BLACK SAFETY HELMET	3.10
S26-1065	B) WHITE SAFETY HELMET	3.10
S26-3573	C) CHIN STRAP	1.75
S26-7972	D) BASEBALL BUMP CAP	8.66
S26-7927	E) ELECTRICAL ARC FLASH VISOR & HELMET	219.95

TOOLING

HAND PROTECTION**A) CANADIAN RIGGERS GLOVES**

Standard Canadian rigger gloves manufactured from grey split leather with a striped cotton back and open cuff. These gloves are loose fitting with an elasticated back and are half-lined with fleece - providing comfort during the trickiest of tasks. These CE marked rigger gloves are suitable for most handling operations. Supplied as standard in Size 10.

**A****B) ANTI SLIP HANDLING GLOVES**

Spun nylon glove with interlocking criss-cross coating. Ideal for handling cartons, glass and other items with a sheer finish. Size 10.

B**C) WATERPROOF PVC GLOVES**

Standard weight waterproof red PVC fully coated glove with knitted wrist. EN388 CAT 2. Size 10.

C**D) 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 user. Ideal for cable handling and general building and construction work. Size 10.

**D****E) REFLEX GLOVES**

Cotton/Polamide palm coated gloves with flexible latex coating. Excellent grip in both wet and dry conditions for safe and secure handling.

**E****F) RED PVC GAUNTLETS**

Standard weight general purpose red PVC fully coated 14" waterproof gauntlet. EN388 CAT 2. Size 10.

**F****G) 6" CUFF GAUNTLETS**

Grey Leather Tig Welders' Gloves with a soft, high quality nappa leather palm and stiff 150mm chrome leather cuff offering a superb feel and good durability for precision welding. 360mm overall length. EN420. (Dexterity) Level 5. Size 10.

**G****H****H) MATRIX® FINGERLESS GLOVES**

Seamless knitted nylon liner with polyurethane palm coating.

I**I) 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.

TOOLING

J**J) LATEX DISPOSABLE GLOVES LARGE PK100**

Supplied in packs of 100 ambidexterous gloves. Available in powdered or powder free.

K**K) VINYL DISPOSABLE GLOVES LARGE PK100**

Supplied in packs of 100 ambidexterous gloves. Available in powdered or powder free.

L**L) 1000V GLOVES CLASS 0**

Pair of fully insulating gloves, each test stamped for 5000V with a working voltage of 1000V max. Manufactured to EN60903. 1.0mm thickness.

Available in six sizes: 7-12.



PART NO.	DESCRIPTION	PRICE
S26-1078	A) CANADIAN RIGGERS GLOVES	1.17
S14-1415	B) ANTI SLIP HANDLING GLOVES	0.67
S26-1080	C) WATERPROOF PVC GLOVES	0.78
S26-0299	D) LATEX GRIP GLOVES	1.08
S26-3435	E) REFLEX GLOVES	2.51
S14-3439	F) RED PVC GAUNTLETS	1.48
S14-3440	G) 6" CUFF GAUNTLETS	2.88
S26-6944	H) MATRIX PU FINGERLESS GLOVES	1.54
S26-6945	I) TOUCHSTONE GRIP KEVLAR FINGERLESS GLOVES	8.77
S14-3675	J) LATEX POWDER FREE GLOVES	4.93
S14-1412	J) LATEX POWDERED GLOVES	4.00
S14-3437	K) VINYL POWDER FREE GLOVES	2.17
S14-3438	K) VINYL POWDERED GLOVES	2.24
S14-7894-7	L) 1000V GLOVES SIZE 7	23.21
S14-7894-8	L) 1000V GLOVES SIZE 8	23.21
S14-7894-9	L) 1000V GLOVES SIZE 9	23.21
S14-7894-10	L) 1000V GLOVES SIZE 10	23.21
S14-7894-11	L) 1000V GLOVES SIZE 11	23.21
S14-7894-12	L) 1000V GLOVES SIZE 12	23.21

HEARING PROTECTION

A) EAR DEFENDERS
EN352-1, SNR: 27dB.



B) EAR PLUGS
EN352-2, SNR: 37dB.
Tapered end for comfort.
Expands to fit.



C) 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.



D) 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).

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.



PART NO.	DESCRIPTION	PRICE
S26-1066	A) EAR DEFENDER EN352-1	4.59
S26-3574	B) EAR PLUGS EN352-2, SNR: 37DB. (PAIR)	0.20
S26-6941	C) CORDED EAR PLUGS EN352-2 (6 PAIRS)	3.11
S26-4745	D) UVEX HI-COM EAR PLUGS (BAG OF 300 PAIRS)	51.70
S26-5858	E) UVEX X-FIT DISPENSER (EMPTY)	34.95
S26-6942	F) MOLDEX M4 EARMUFFS SNR 30DB	18.43
S26-6943	G) MOLDEX M6 EARMUFFS SNR 35DB	24.21

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)	1.04
S26-7854	B) FFP2 RESPIRATOR (PK 20)	19.03
S26-3436	C) FFP3 RESPIRATOR (PK 5)	13.23
S26-6938	D) TWIN FILTER RESPIRATOR	22.17
S26-6939	E) P2 REPLACEMENT FILTERS (PK 2)	11.07
S26-6940	F) A1 REPLACEMENT FILTERS (PK 2)	11.07

PERSONAL PROTECTION EQUIPMENT (PPE) KIT

- 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 Drawing Bag

PART NO.	DESCRIPTION	PRICE
S00-5600	PERSONAL PROTECTION KIT - YELLOW HELMET	10.95
S00-5601	PERSONAL PROTECTION KIT - BLUE HELMET	10.95
S00-5602	PERSONAL PROTECTION KIT - RED HELMET	10.95
S00-5603	PERSONAL PROTECTION KIT - ORANGE HELMET	10.95
S00-5604	PERSONAL PROTECTION KIT - GREEN HELMET	10.95
S00-5605	PERSONAL PROTECTION KIT - BLACK HELMET	10.95
S00-5606	PERSONAL PROTECTION KIT - WHITE HELMET	10.95



TOOLING



BSI WORKPLACE FIRST AID KIT

BS 8599-1:2011 compliant.



External dimensions:
 A) 275 x 185 x 95mm.
 B) 275 x 185 x 95mm.
 C) 275 x 240 x 95mm.

COMPONENT	QUANTITY		
	TRAVEL KIT (A)	SMALL (B)	MEDIUM (C)
GUIDANCE LEAFLET	1	1	1
CONTENTS LIST	1	1	1
MEDIUM STERILE DRESSING	1	4	6
LARGE STERILE DRESSING	1	1	2
TRIANGULAR BANDAGE	1	2	3
SAFETY PINS	2	6	12
EYE PAD STERILE DRESSING	1	2	3
STERILE ADHESIVE DRESSINGS	10	40	60
SALINE CLEANSING WIPES	4	20	30
ADHESIVE TAPE	1	1	1
NITRILE DISPOSABLE GLOVES	1 PAIR	6 PAIR	9 PAIR
FINGER STERILE DRESSING	0	2	3
RESUSCITATION FACE SHIELD	1	1	1
FOIL BLANKET	1	1	2
EYE WASH	1	0	0
BURN DRESSING	1	1	2
SHEARS	1	1	1
CONFORMING BANDAGE	1	1	2

PART NO.	DESCRIPTION	PRICE
S00-0763	A) BSI FIRST AID KIT TRAVEL	9.50
S00-0764	B) BSI FIRST AID KIT SMALL	12.10
S00-0765	C) BSI FIRST AID KIT MEDIUM	18.64

EYEWASH AND PLASTERS**A) 25 x 20ml Pods of Saline Solution.**

For eye injuries and irrigation.

**B) 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.



PART NO.	DESCRIPTION	PRICE
S99-7700	A) EYE WASH PODS PKT25	6.28
S99-7701	B) ASSORTED FABRIC PLASTERS	3.20

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
S00-0004	GEL FILLED KNEE PADS	16.80

GENERAL PURPOSE KNEELER

Kneeler manufactured from easy to clean water resistant dense foam, ideal for use in maintenance tasks.



PART NO.	DESCRIPTION	PRICE
S00-7875	HEAVY DUTY KNEELER	11.75

NON-SLIP OVERSHOES

Specifically designed in association with leading telecom authorities. These overshoes are manufactured from a special co-polymer that gives excellent non-slip qualities.

16" Suitable for boot sizes 8-9
 18" Suitable for boot sizes 10-12
 (Boot not included).



PART NO.	DESCRIPTION	PRICE
S99-4286	16" NON-SLIP OVERSHOES (PK 25 PAIRS)	20.53
S99-4285	18" NON-SLIP OVERSHOES (PK 25 PAIRS)	20.53

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 PACKET OF 100	5.14

HI-VIS GARMENTS PRODUCED TO THE REVISED EN 471 - 1994 STANDARD



A



B



C



D

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.

OTHER HI-VIS GARMENTS AND SIZES AVAILABLE ON REQUEST. CONTACT OUR SALES OFFICE.



E

FOR RAIL INDUSTRIES

E) EN 471 class 2 orange waistcoat in extra large for rail industry use.

PART NO.	DESCRIPTION	PRICE
S00-1390	A) WAISTCOAT EXTRA LARGE	1.89
S00-1392	A) WAISTCOAT LARGE	2.00
S26-6946	B) LONG SLEEVE WAISTCOAT LARGE	3.84
S26-6947	B) LONG SLEEVE WAISTCOAT EXTRA LARGE	3.84
S00-1391	C) JACKET EXTRA LARGE	25.69
S00-1451	D) TROUSER EXTRA LARGE	14.53
S00-8430	E) WAISTCOAT ORANGE EXTRA LARGE	11.33

OVERALLS



A

Two Piece Rainproof Suit Extra Large

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 back with flap to prevent water ingress.



B



C

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".

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.

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	25.95

FLAME RETARDANT OVERALLS

Conforms to:

- EN ISO 11611:2007 Class 2 A1+A2
- EN ISO 11612:2008 A1+A2 B1 C1 FI



PART NO.	DESCRIPTION	PRICE
S99-4486	FLAME RETARDANT OVERALLS - SMALL	38.86
S99-4487	FLAME RETARDANT OVERALLS - MEDIUM	38.86
S99-4488	FLAME RETARDANT OVERALLS - LARGE	38.86
S99-4489	FLAME RETARDANT OVERALLS - XL	38.86
S99-4490	FLAME RETARDANT OVERALLS - XXL	38.86

BELT SAFETY II

Kit comprising Specialist Telecom Harness, Lanyard and Work Positioning Belt supplied as standard in small, medium, large and extra large.



PART NO.	DESCRIPTION	WAIST	CHEST	PRICE
S83-0887	BELT SAFETY II 'A' (SMALL) - COMPLETE KIT	<31"	<35"	216.15
S83-0888	BELT SAFETY II 'B' (MEDIUM) - COMPLETE KIT	29"-38"	33"-42"	216.15
S83-0889	BELT SAFETY II 'C' (LARGE) - COMPLETE KIT	36"-45"	40"-49"	216.15
S83-0890	BELT SAFETY II 'D' (XL) - COMPLETE KIT	45"+	49"+	216.15

SAFETY HARNESS

Multi Purpose Harness for most purposes. Fully tested to BSEN 358 and 361.



PART NO.	DESCRIPTION	PRICE
S83-3185	SMALL HARNESS	99.58
S83-4034	MEDIUM HARNESS	99.58
S83-4035	LARGE HARNESS	99.58
S83-4036	XL HARNESS	99.58

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	FULL ARREST LANYARD	107.85

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	94.88

BELT POLE 1B

Used along with Dispenser Dropwire 1 to tie off sash line at the base of a pole.



PART NO.	DESCRIPTION	PRICE
S83-3949	BELT POLE 1B	29.17

FULL BODY HARNESSSES

All feature 45mm water repellent webbing, rip stitch indicators & high tensile steel alloy fittings.



RGH2
EN361.
Front and rear attachment.



RGH3
EN361 & EN358.
Rear and side attachment.
Gear Loops.



RGH4
EN361 & EN358.
Front, rear and side attachment.
Gear loops.

PART NO.	DESCRIPTION	PRICE
S00-0660	RGH2 FRONT & REAR D	34.66
S00-3496	RGH3 REAR & SIDE D	74.02
S00-0661	RGH4 FRONT, REAR, & SIDE D	78.70

KARABINERS



RGK1
EN362.
Steel Screw Gate.
17mm.



RGK2
EN362.
Steel Twist Lock.
17mm.

PART NO.	DESCRIPTION	PRICE
S00-0679	RGK1 SCREW GATE KARABINER	3.12
S00-0680	RGK2 TWIST LOCK KARABINER	6.75

WORK POSITIONING



RGBE-TA

Work positioning belt with 2 attachment restraint points and 2 gear loops.



RGPI
Rope work positioning pole strap complete with slide chuck 2 metres.

RGP3

Work positioning pole strap fitted with double action snap hooks and standard buckles.



PART NO.	DESCRIPTION	PRICE
S00-3622	RGBE-TA 4 POINT POSITIONING BELT	40.19
S00-3623	RGPI ROPE POLE STRAP	128.08
S00-3624	RGPI3 POSITIONING POLESTRAP	32.26

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.



RGL5
Webbing Lanyard for restraint only. Does not offer shock absorption.
Different lengths available upon request.



RGL6
Elasticated Webbing Lanyard & Shock Absorber.
EN354 & EN355.



RGL17
Twin Leg Rope Lanyard for restraint only. Does not offer shock absorption.

PART NO.	DESCRIPTION	PRICE
S00-0662	1.3M RGL1 WEBBING	23.94
S00-3497	1.8M RGL1 WEBBING	27.20
S00-3498	1.3M RGL3 TWIN LEG WEBBING	27.85
S00-3499	1.8M RGL3 TWIN LEG WEBBING	31.11
S00-3618	1.3M RGL6 ELASTICATED WEBBING	23.78
S00-3619	1.8M RGL6 ELASTICATED WEBBING	26.20
S00-3620	0.5M RGL17 TWIN LEG KERNMANTLE	13.92
S00-3621	1.0M RGL17 TWIN LEG KERNMANTLE	11.29



TOOLING



GASALERT MICRO CLIP X3 PORTABLE MULTI-GAS DETECTOR

Small size. Easy to use. Reliable operation. Affordable protection. It's no wonder the GasAlertMicroClip 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 GasAlertMicroClip 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) 2 Gas (CH4 & H2S) and B) 4 Gas (O2, H2S, CO & Combustibles) versions.

Supplied with 12in-car charger. Mains charger available separately.

Calibration service available. Please call sales for details.



PART NO.	DESCRIPTION
C00-5970	A) GASALERT MICRO CLIP X3 STD 2 GAS DETECTOR
C00-5971	B) GASALERT MICRO CLIP X3 STD 4 GAS DETECTOR
S83-3478	C) REPLACEMENT IN-CAR CHARGER
C00-4181	D) MAINS CHARGER

RING SALES FOR
SPECIAL PRICES
ON VISIT
millsstd.com

OIL SPILLAGE KIT (15 LITRE)

The kit comprises 8 absorbent pads, absorbent boom and disposal bag. Suitable for an oil spill of up to 15 litres.



PART NO.	DESCRIPTION	PRICE
S00-9000	OIL SPILLAGE KIT (15 LITRES)	19.22

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	5.58

WATER SAMPLING KIT

UK Environment Agency is responsible for the protection of "controlled waters" from pollution under the Water Resources Act 1911 and it is an offence to cause pollution either deliberately or accidentally. To prevent prosecution, a simple water test can determine if a licensed waste disposal contractor is required to dispose of any polluted water found or identified.

The telecoms water sampling kit will enable clear identification of polluted water and comes complete in a black plastic case with:

- 3 x sampling bottles
- 1 x metal sample bottle flange with 3m of cord (for 'at depth' sampling)
- 10 x disposable gloves
- 1 x reference/method card



PART NO.	DESCRIPTION	PRICE
S83-0698	WATER SAMPLING KIT	80.00

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	11.54
S00-6088	B) 2.0KG DRY POWDER BSEN 3 FIRE EXTINGUISHER	19.95
S00-1171	C) 9.0KG DRY POWDER BSEN 3 FIRE EXTINGUISHER	63.44

TOOLING



External Overhead & Underground

External Overhead



Tensioners

Straps & Chains

Pole Lifting & Handling

Pole Installation

Pole Furniture

Block Terminals

Dropwire & Accessories

Aerial Brackets,
Grips & Clamps

Height Measuring



For ladders, steps,
platforms and stabilisers
See pages 260-263

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.



PART NO.	DESCRIPTION	PRICE
S83-0920	STRAP TENSIONING 1A	8.34

STRAP TENSIONING 2A

45mm webbing strap, 9m long terminated with a D buckle. Used with Tensioner 3A for securing poles on pole erection units.



PART NO.	DESCRIPTION	PRICE
S83-0862	STRAP TENSIONING 2A	11.68

TENSIONER 3A

Ratchet tensioner fitted with a snap hook and anchor strap. Used with Straps Tensioning 1A and 2A.



PART NO.	DESCRIPTION	PRICE
S83-0921	TENSIONER 3A	13.89

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.



PART NO.	DESCRIPTION	PRICE
S83-0879	SLING WIRE ROPE 1A	27.00

LINE SASH 2

Polypropylene rope 4mm used when installing Dropwire, useful when laid across roads due to its 'dead' property. Supplied on a 33m reel.



PART NO.	DESCRIPTION	PRICE
S83-0787	LINE SASH 2	31.34

LINE SASH 15

Polypropylene rope 8mm diameter supplied on a hank of 50m.



PART NO.	DESCRIPTION	PRICE
S83-0788	LINE SASH 15	8.86

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	7.70

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	45.89

SLING LIFTING 4A

Duplex flat webbing sling, 1 metre length x 1000kg with soft eye to each end, 30mm wide.



PART NO.	DESCRIPTION	PRICE
S83-0863	SLING LIFTING 4A	8.88

SLING LIFTING 5A

Duplex flat webbing sling, 2 metre length x 1000kg, with soft eye to each end, 30mm wide.



PART NO.	DESCRIPTION	PRICE
S83-0864	SLING LIFTING 5A	10.67

SLING LIFTING 6A

Duplex flat webbing sling, 3 metre length x 1000kg, with soft eye to each end, 30mm wide.



PART NO.	DESCRIPTION	PRICE
S83-0918	SLING LIFTING 6A	12.88

SLING LIFTING 10A

Used for lifting and handling hollow poles. SWL 1000kg Round Sling, 3 metre circumference x 1000kg (Purple)



PART NO.	DESCRIPTION	PRICE
S83-0919	SLING LIFTING 10A	10.26

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.



PART NO.	DESCRIPTION	PRICE
S83-2677	POLE JACK	1856.79

CHAIN JACK POLE

High tensile link chain for use with Jack Pole.



PART NO.	DESCRIPTION	PRICE
S83-0736	CHAIN JACK POLE	108.10

BAR OPERATING (LARGE)

For use with Pole Jack.



PART NO.	DESCRIPTION	PRICE
S83-2990	OPERATING BAR	56.35

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
S83-0932	CHAIN PULLER 3 TON

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

OVERHEAD & UNDERGRND

HORSE POLE

Used to support poles whilst dressing, latest specification includes flat feet and can be folded flat.



PART NO.	DESCRIPTION	PRICE
S83-2653	HORSE POLE	76.75

TWISTER POLE

Plate type pole twister, used to align poles after installation.



PART NO.	DESCRIPTION	PRICE
S83-0768	TWISTER POLE	22.11

TWISTER POLE LEVER TYPE

For the alignment of poles after erection.



PART NO.	DESCRIPTION	PRICE
S83-2991	TWISTER POLE LEVER TYPE	76.75

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsstd.com

PROBE POLE TEST

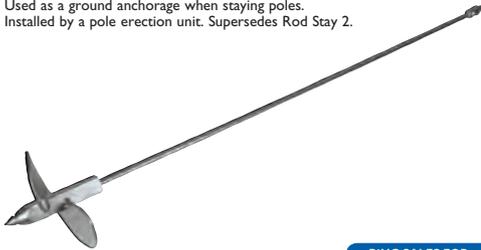
Hardened steel 10" tool used to detect external decay on wooden poles. Includes protective sheath.



PART NO.	DESCRIPTION	PRICE
S83-0806	PROBE POLE TEST	10.88

ANCHOR SCREW STAY NO.1

Used as a ground anchorage when staying poles. Installed by a pole erection unit. Supersedes Rod Stay 2.



PART NO.	DESCRIPTION	PRICE
S83-2718	ANCHOR SCREW STAY NO.1	76.75

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsstd.com

ANCHOR STAY MANUAL NO.1

For use as a ground anchorage when staying poles. Installed by means of a Slide Hammer.



PART NO.	DESCRIPTION	PRICE
S83-2719	ANCHOR STAY MANUAL NO.1	76.75

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsstd.com

LADDER TIE

Used to lash Ladders Extension 5B and 7A when working on poles.



PART NO.	DESCRIPTION	PRICE
S83-0789	LADDER TIE	8.00

POLE SOCK

Safety sock used when transporting poles.



PART NO.	DESCRIPTION	PRICE
S83-0885	POLE SOCK	44.00

STEPS POLE NO. 1

Pole steps for use on wooden poles only.

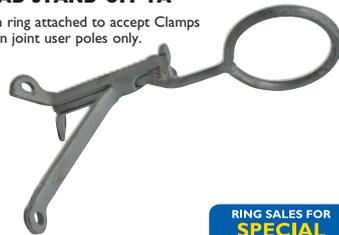


RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2996	STEPS POLE NO.1

RING POLEHEAD STAND-OFF 1A

Steps Pole No.1 with ring attached to accept Clamps Dropwire. For use on joint user poles only.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2842	RING POLEHEAD STAND-OFF 1A

SCREW COACH 3" (PK 200)

Galvanised 3" x 3/8" for attaching steps to wooden poles.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-0850	SCREW COACH 3" (PK 200)

RING POLEHEAD

For use with Cable Dropwire, acts as a support for Clamps Dropwire.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2841	RING POLEHEAD

BRACE COACH SCREW

Hand held brace, used to attach and remove Steps Pole from poles.



PART NO.	DESCRIPTION	PRICE
S83-0765	BRACE COACH SCREW	27.87

BLOCK TERMINAL 66B

An IDC type connection box used with Block Inserts 1A and 2A.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2722	BLOCK TERMINAL 66B

BLOCK INSERT 1A

Maintenance replacement four way insert, inserted in Block Terminal 66B.



PART NO.	DESCRIPTION	PRICE
S83-3164	BLOCK INSERT 1A	3.46

BLOCK INSERT 2A

Maintenance replacement six way insert inserted in Block Terminal 66B.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-3165	BLOCK INSERT 2A

OVERHEAD & UNDERGRND

FOR HEIGHT SAFETY EQUIPMENT

SEE PAGES 298-299



OVERHEAD &
UNDERGRIND

SPRAY DEWATERING

For displacing moisture from externally sited Block Terminals, contains corrosion preventative compound.

400ml can.



PART NO.	DESCRIPTION	PRICE
S83-0832	SPRAY DEWATERING	4.46

DISPENSER DROPWIRE 2B

A specialist cable stand and dispenser, manufactured from a tubular steel construction. Features 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.



PART NO.	DESCRIPTION	PRICE
S00-8426	DISPENSER DROPWIRE 2B	131.66

DROPWIRE CABLE

Overhead telephone distribution cables available in 10B 2 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.



PART NO.	DESCRIPTION
S83-2774	DROPWIRE 10B 2 PAIR 350M
S83-2775	DROPWIRE 14 4 PAIR 350M

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsltd.com

DISPENSER SASH LINE

Used with dispenser dropwire to aid dispensing of sash line.



PART NO.	DESCRIPTION	PRICE
S83-0782	DISPENSER SASH LINE	32.98

BELT POLE 1B

Used along with Dispenser Dropwire 1 to tie off sash line at the base of a pole.



PART NO.	DESCRIPTION	PRICE
S83-3949	BELT POLE 1B	29.17



SLEEVE DROPWIRE PROTECTION 2A

35mm long PVC sleeve which is placed over the folded back strength members of Cable Dropwire 10. The sleeve protects the conductors from possible damage caused by the sharp ends of the strength members.



PART NO.	DESCRIPTION
S83-0950	SLEEVE DROPWIRE PROTECTION 2A

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

GRIP PULLING AERIAL CABLE

Used for the installation of aerial cables, sometimes referred to as a 'come-along clamp'. Supplied in two sizes.



PART NO.	DESCRIPTION	PRICE
S83-0940	GRIP PULLING AERIAL CABLE 2A (4-12MM)	45.69
S83-0993	GRIP PULLING AERIAL CABLE 3A (3-9MM)	37.81

PULLEY DROPWIRE 4

Snatch block type pulley used when installing Dropwire.



PART NO.	DESCRIPTION	PRICE
S83-2685	PULLEY DROPWIRE 4	36.50

PULLEY DROPWIRE 6

Similar to Pulley Dropwire No.4 but includes a clam cleat.



PART NO.	DESCRIPTION	PRICE
S83-2686	PULLEY DROPWIRE 6	53.96

RIGGING HEAD 1A

For installing rigging lines in hollow poles.



PART NO.	DESCRIPTION	PRICE
S83-0781	RIGGING HEAD 1A	14.64

RIGGING WEIGHT 1A

Sash weight 0.8kg, for use with Rigging Head 1A.



PART NO.	DESCRIPTION	PRICE
S83-0936	RIGGING WEIGHT	5.39

TENSIONER WIRE STAY

Used for tensioning stay wires.



PART NO.	DESCRIPTION	PRICE
S83-0805	TENSIONER WIRE STAY	143.75

TENSIONER 2B

Ratchet tensioning tool for aerial cable erection and recovery.



PART NO.	DESCRIPTION	PRICE
S83-0925	TENSIONER 2B	68.00

OVERHEAD & UNDERGRND

INSULATOR STAY 2

For overhead stays in proximity to power lines or suspension wire on joint construction routes.



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsitd.com

PART NO.	DESCRIPTION
S83-2997	INSULATOR STAY 2

SPANNER CRANKED 10MM

Combination spanner 10mm used on Eyebolt Expanding 1A.



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsitd.com

PART NO.	DESCRIPTION
S83-0834	SPANNER CRANKED 10MM

EYEBOLT EXPANDING 1A

Overhead single point fixing bolt.
Ring size: 12mm.
Required hole size: 8-10mm Ø x 50mm deep.



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsitd.com

PART NO.	DESCRIPTION
S83-2777	EYEBOLT EXPANDING 1A

EYEBOLT EXPANDING 2A

Overhead single point fixing bolt.
Ring size: 14mm.
Required hole size: 16mm Ø x 95mm deep.



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsitd.com

PART NO.	DESCRIPTION
S83-0901	EYEBOLT EXPANDING 2A

BRACKET 22

A triangular bracket for fixing Clamps Dropwire.



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsitd.com

PART NO.	DESCRIPTION
S83-2723	BRACKET 22

BRACKET 32

As Bracket 22 but with an extended arm.



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsitd.com

PART NO.	DESCRIPTION
S83-2724	BRACKET 32

CLAMPS DROPWIRE 10A

Clamp used when installing Cable Dropwire.



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsitd.com

PART NO.	DESCRIPTION
S83-2746	CLAMPS DROPWIRE 10A

CLAMPS DROPWIRE 6

Dropwire clamp with extended relieved end and nylon protective coating, used to anchor cable dropwire in hollow poles.



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsitd.com

PART NO.	DESCRIPTION
S83-2747	CLAMPS DROPWIRE 6

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.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2744	CLAMP AERIAL CABLE 2

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.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2745	CLAMP AERIAL CABLE 4

GRIP INSULATOR POLE

For terminating Insulator Stay 2 to poles where Cable PET or PETAL Aerial is used on power crossings. Also for terminating Insulator Stay 2 to poles where stays have insulators inserted.

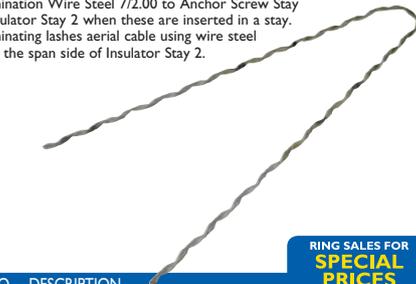


RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2782	GRIP INSULATOR POLE

GRIP STAY ANCHOR

For termination Wire Steel 7/2.00 to Anchor Screw Stay or to Insulator Stay 2 when these are inserted in a stay. For terminating lashes aerial cable using wire steel 7/2.00on the span side of Insulator Stay 2.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2783	GRIP STAY ANCHOR

GRIP WIRE SUSPENSION

Grip Wire Suspension No.1

Used to terminate Cable PET or PETAL Aerial incorporating single strand suspension wire, except at power crossing.

Grip Wire Suspension No.2

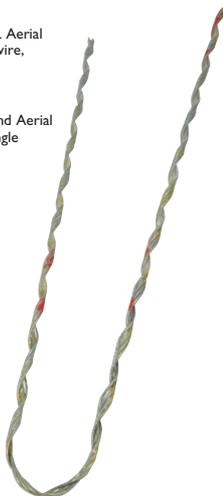
For terminating all sizes of Cable PET and Aerial Cable except those that incorporate Single Strand Suspension Wire.

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.

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.

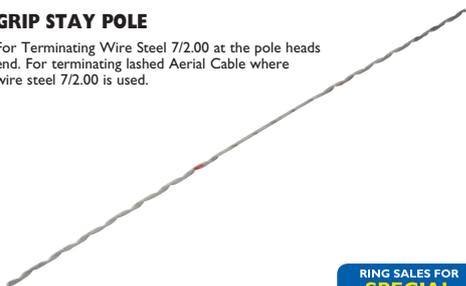


RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2785	GRIP WIRE SUSPENSION NO.1
S83-2786	GRIP WIRE SUSPENSION NO.2
S83-2787	GRIP WIRE SUSPENSION NO.3
S83-2788	GRIP WIRE SUSPENSION NO.4

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.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2784	GRIP STAY POLE

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	2.36
V01-4057	25MM RIGID CABLE PROTECTOR 3M	5.20
V01-4058	40MM RIGID CABLE PROTECTOR 3M	7.20
V01-4059	55MM RIGID CABLE PROTECTOR 3M	7.74

OVERHEAD & UNDERGRND

CAPPING STEEL

Capping Steel No. 1

For protecting cable not exceeding 19mm diameter.

Capping Steel No. 4

For protecting cables above 3/4" in diameter but not exceeding 2" diameter.

Capping Steel No. 5

For protecting cables above 2" in diameter but not exceeding 3" diameter.



PART NO.	DESCRIPTION	RING SALES FOR SPECIAL PRICES OR VISIT millsstd.com
S83-2735	CAPPING STEEL NO. 1	
S83-2736	CAPPING STEEL NO. 4	
S83-2737	CAPPING STEEL NO. 5	

CONNECTOR BEND NO. 1

For use at distribution points for connecting ducts to Capping Steel.



PART NO.	DESCRIPTION	RING SALES FOR SPECIAL PRICES OR VISIT millsstd.com
S83-2758	CONNECTOR BEND NO. 1	

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.



PART NO.	DESCRIPTION	RING SALES FOR SPECIAL PRICES OR VISIT millsstd.com
S83-3242	TELENCO BANDING TOOL	

TELENCO HOOK AERIAL CABLE

Hook for use with the Telenco Banding Tool.



PART NO.	DESCRIPTION	RING SALES FOR SPECIAL PRICES OR VISIT millsstd.com
S83-3245	TELENCO HOOK AERIAL CABLE	

TELENCO MOUNTING BRACKET

Mounting bracket for use with the Telenco Banding Tool.



PART NO.	DESCRIPTION	RING SALES FOR SPECIAL PRICES OR VISIT millsstd.com
S83-3246	TELENCO MOUNTING BRACKET	

TELENCO CABLE CLAMP

Clamps for use with the Telenco Banding Tool.



PART NO.	DESCRIPTION	RING SALES FOR SPECIAL PRICES OR VISIT millsstd.com
S83-3243	TELENCO CABLE CLAMP 5-8MM	
S83-3244	TELENCO CABLE CLAMP 3-6MM	

SUPARULE HEIGHT METER DIGITAL

Digital height measuring device, used to measure the height and distance between overhead lines.

- CHM190:
1 wire, range 15 metre (50ft).
- CHM300:
3 wire, range 15 metre (50ft).
- CHM600:
6 wire, range 15 metre (50ft).



PART NO.	DESCRIPTION	RING SALES FOR SPECIAL PRICES OR VISIT millsstd.com
S83-2993	SUPARULE HEIGHT METER CHM190	
S83-2994	SUPARULE HEIGHT METER CHM 300	
S83-2995	SUPARULE HEIGHT METER CHM 600	

OVERHEAD & UNDERGROUND



RODS TELESCOPIC

A 7 metre telescopic fibre glass rod to enable installers and other personnel involved with overhead work to gauge the height of Dropwires at road crossings.



PART NO.	DESCRIPTION	PRICE
S83-0723	RODS TELESCOPIC	43.33

JUMPER STICK

A wiring aid for use in telephone exchanges, when feeding cables.



PART NO.	DESCRIPTION	PRICE
S83-0998	JUMPER STICK	6.04

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.



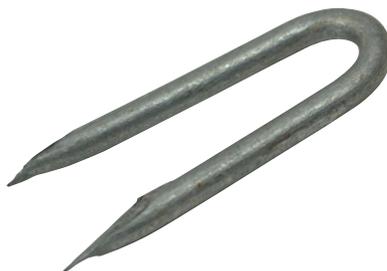
PART NO.	DESCRIPTION	PRICE
C00-5919	MILLS WORK TRAY POLE SPLICING	37.57

STAPLES GALVANISED

45mm For terminating light weight aerial cable suspension strands.

65mm For terminating aerial cable suspension strands.

Each packet contains 1kg.



PART NO.	DESCRIPTION
S83-2857	45MM STAPLES PK 1KG
S83-2858	65MM STAPLES PK 1KG

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

STRIPS ALUMINIUM

Aluminium strips used when installing Dropwire. Associated products Washer Galvanised 19 and Nails Bonding.

Supplied in packs of 25.



PART NO.	DESCRIPTION
S83-0902	80MM STRIPS ALUMINIUM
S83-0856	120MM STRIPS ALUMINIUM
S83-0903	160MM STRIPS ALUMINIUM

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

WASHER GALVANISED 4

Circular washer used on Bolt Arm.
34mm diameter 3mm thick.
18mm hole.

Box of 100.



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
milstd.com

PART NO.	DESCRIPTION
S83-2868	WASHER GALVANISED 4

WASHER GALVANISED 17

Used on Bracket 28. Tubular 3/4",
fits 5/8" bolts.

Box of 200.



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
milstd.com

PART NO.	DESCRIPTION
S83-2865	WASHER GALVANISED 17

WASHER GALVANISED 18

Used on Bracket 28.
Tubular 1 1/2", fits 5/8" bolts.

Box of 200.



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
milstd.com

PART NO.	DESCRIPTION
S83-2866	WASHER GALVANISED 18

WASHER GALVANISED 19

For use with Lead Strip
& Bonding Nails.

Box of 700.



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
milstd.com

PART NO.	DESCRIPTION
S83-3163	WASHER GALVANISED 19

NAILS BONDING

1 1/2" galvanised steel round head nail for use
in conjunction with Washer Galvanised 19 for
securing Lead Strip when cabling on walls.

5kg box.



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
milstd.com

PART NO.	DESCRIPTION
S83-2672	NAILS BONDING

PLUG CREOSOTED

Creosoted wooden plug for plugging holes, supplied in bags of 100.



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
milstd.com

PART NO.	DESCRIPTION
S83-0944	PLUG CREOSOTED

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.



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
milstd.com

PART NO.	DESCRIPTION
S83-2767	CONNECTOR DROPWIRE 2A

PERMASOIL

Used when installing
telegraph poles, this material
vastly increases the strength
of the pole foundation.
Can also be used instead
of a baulk or block.

25kg bucket.

12.5kg bucket available
on request.



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
milstd.com

PART NO.	DESCRIPTION
S83-2675	PERMASOIL 25KG

External Overhead & Underground

External Underground



Rods Duct & Accessories

Cable Pulling

Cable Guides

Ropes

Manhole Furniture



Lifting Keys

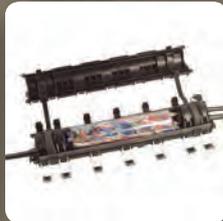
Cover Lifters

Propane Equipment

Resins & Compounds

Pressurisation

Closures



TDUX

RODS DUCT

A) As supplied and 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.



Genuine BT specification rods,
manufactured in the UK.

**B**

B) As supplied and 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 and 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	14.92
S83-0711	A) NO.2 FERRET TYPE 2M X 25MM	13.88
S83-0776	NO.3 CONTINUOUS 200M X 24MM	339.25
S83-1505	B) NO.5 FERRET TYPE 2M X 13MM	9.98
S83-2676	C) PLIERS ROD SWEEP	57.00

ADAPTOR ROD 1A

Attaches the leading end of Rods Duct 3 to the female end of Rods Duct 1.



PART NO.	DESCRIPTION	PRICE
S83-0714	ADAPTOR ROD 1A	6.83

ADAPTOR ROD 2A

Enables a male Rod Duct 3 thread at the leading end of Rod Duct 1 or 2.



PART NO.	DESCRIPTION	PRICE
S83-0712	ADAPTOR ROD 2A	16.40

ADAPTOR ROD 3A

Used to connect a leader and follower to the female end of Rod Duct 1 or 2.



PART NO.	DESCRIPTION	PRICE
S83-0713	ADAPTOR ROD 3A	9.65

ADAPTOR ROD 5

Adapts the female end of Rods Duct 1 and 2 to the female half of Coupling-up pieces.



PART NO.	DESCRIPTION	PRICE
S83-0715	ADAPTOR ROD 5	11.27

ADAPTOR ROD 7

Joins Rod Duct 1 or 2 to Rod Duct 5.



PART NO.	DESCRIPTION	PRICE
S83-0716	ADAPTOR ROD 7	10.42

ATTACHMENT ROD 1A

A leader & follower with a male thread, for use on the female end of Rod Duct 5.



PART NO.	DESCRIPTION	PRICE
S83-0717	ATTACHMENT ROD 1A	7.35

ATTACHMENT ROD 2A

A leader & follower with a female thread for joining to the male end of Rod Duct 5.



PART NO.	DESCRIPTION	PRICE
S83-0718	ATTACHMENT ROD 2A	9.57

ATTACHMENT ROD 3A

When used with Rod Duct 5 it acts as a Rod Leader. It incorporates a spring for rodding through "T" couplings.



PART NO.	DESCRIPTION	PRICE
S83-0719	ATTACHMENT ROD 3A	7.18

ATTACHMENT ROD 4A

Provides a leader and follower when adapted to Adaptor Rod 2A or 3A for use with Rods Duct Nos. 1 and 2.



PART NO.	DESCRIPTION	PRICE
S83-0720	ATTACHMENT ROD 4A	2.73

COUPLING ROD DUCT 3 REEL

Attaches the storage reel to the inner end of Rods Duct 3.



PART NO.	DESCRIPTION	PRICE
S83-0780	COUPLING ROD DUCT 3 REEL	9.26

COUPLING ROD DUCT 3 FEMALE

For use with Rods Duct 3, providing a male thread at the leading end of Rods Duct No.3.



PART NO.	DESCRIPTION	PRICE
S83-0777	COUPLING ROD DUCT 3 FEMALE	9.50

COUPLING ROD DUCT 3 MALE

Connects to the leading end of Rods Duct 3 to provide a male thread.



PART NO.	DESCRIPTION	PRICE
S83-0779	COUPLING ROD DUCT 3 MALE	4.70

COUPLING ROD DUCT 3 MALE SWIVEL

Can be used to repair Rods Duct 3 or provide a retractable male Rod Duct 3 thread at the leading end.



PART NO.	DESCRIPTION	PRICE
S83-0778	ROD DUCT 3 MALE SWIVEL	9.13

COUPLING UP PIECES

Also referred to as a 'marrying set', used to connect rods within duct. These are the preferred 'Lockfast' type, but a 'Ferrer' version is also available upon request.



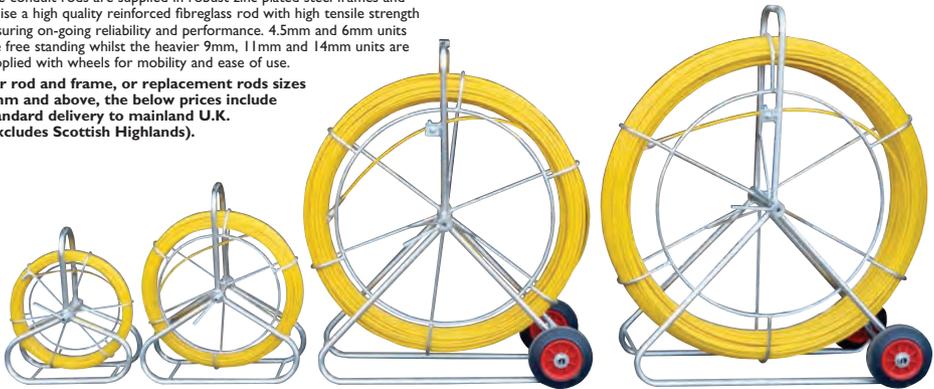
PART NO.	DESCRIPTION	PRICE
S83-0721	NO.1 (SMALL)	61.09
S83-0722	NO.2 (MEDIUM)	74.98

RODS CONTINUOUS (COBRAS)

Cobra rods represents 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 size 9mm and above, the below prices include standard delivery to mainland U.K. (excludes Scottish Highlands).

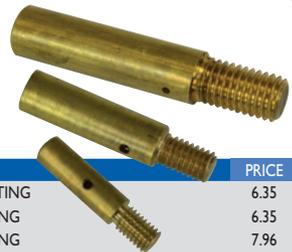


PART NO.	DESCRIPTION	PRICE
S00-7714	4.5MM X 60M ROD AND FRAME 6KG	139.56
S00-7750	4.5MM X 60M REPLACEMENT ROD 2KG	69.89
S00-1358	6MM X 60M ROD & FRAME 10KG	142.67
S00-1368	6MM X 60M REPLACEMENT ROD 1KG	74.95
S00-3590	6MM X 100M ROD & FRAME 12KG	153.87
S00-3591	6MM X 100M REPLACEMENT ROD 3KG	89.09
S00-3290	6MM X 120M ROD AND FRAME 12KG	159.80
S00-3291	6MM X 120M REPLACEMENT ROD 3KG	105.45
S00-3292	6MM X 150M ROD AND FRAME 13KG	185.45
S00-3293	6MM X 150M REPLACEMENT ROD 4KG	125.09
S00-3294	9MM X 100M ROD AND FRAME 30KG	321.37
S00-3295	9MM X 100M REPLACEMENT ROD 9KG	185.45
S00-1352	9MM X 120M ROD & FRAME 32KG	337.73
S00-1369	9MM X 120M REPLACEMENT ROD 11KG	208.64
S00-1370	9MM X 150M ROD & FRAME 35KG	395.73
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	291.91
S00-3298	11MM X 100M ROD AND FRAME 39KG	383.18
S00-3299	11MM X 100M REPLACEMENT ROD 16KG	228.64
S00-3300	11MM X 150M ROD AND FRAME 47KG	452.27
S00-3301	11MM X 150M REPLACEMENT ROD 24KG	294.09
S00-1355	11MM X 200M ROD & FRAME 54KG	542.98
S00-1372	11MM X 200M REPLACEMENT ROD 31KG	379.55
S00-1356	11MM X 250M ROD & FRAME 61KG	606.82
S00-1373	11MM X 250M REPLACEMENT ROD 38KG	455.91
S00-3302	11MM X 300M ROD AND FRAME 69KG	706.82
S00-3303	11MM X 300M REPLACEMENT ROD 46KG	499.55
S00-3304	14MM X 150M ROD AND FRAME 65KG	721.36
S00-3305	14MM X 150M REPLACEMENT ROD 33KG	597.42
S00-3306	14MM X 200M ROD AND FRAME 77KG	809.79
S00-3307	14MM X 200M REPLACEMENT ROD 45KG	698.99
S00-3308	14MM X 250M ROD AND FRAME 87KG	929.55
S00-3309	14MM X 250M REPLACEMENT ROD 55KG	830.45
S00-3310	14MM X 300M ROD AND FRAME 99KG	1,094.09
S00-3311	14MM X 300M REPLACEMENT ROD 67KG	929.81
S00-3312	14MM X 350M ROD AND FRAME 111KG	1,142.16
S00-3313	14MM X 350M REPLACEMENT ROD 79KG	1,017.03

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
S03-7715	4.5MM END FITTING	6.35
S00-1374	6MM END FITTING	6.35
S03-1375	9MM END FITTING	7.96
S03-1376	11MM END FITTING	7.96
S03-5895	14MM END FITTING	8.79

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	8.79
S03-1377	6MM JOINT COUPLER	8.79
S03-1378	9MM JOINT COUPLER	8.79
S03-1379	11MM JOINT COUPLER	10.97
S03-4759	14MM JOINT COUPLER	11.00

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.

A



B



PART NO.	DESCRIPTION	PRICE
R00-3505	A) 3ML ADHESIVE	5.46
S00-4263	B) REPLACEMENT EYES FOR 9, 11 & 14MM RODS	10.69

BULLET ENDS

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
S00-1380	A) 4.5/6MM BULLET END	9.89
S00-1381	B) 9/11/14MM BULLET END	10.99

BULLET ENDS WITH SHACKLES



A) Bullet end with shackle for 4.5 and 6mm rods.



B) Bullet end with shackle for 9, 11 and 14mm rods.



PART NO.	DESCRIPTION	PRICE
S03-6605	BULLET END WITH SHACKLE FOR 4.5 & 6MM RODS	9.95
S03-6607	BULLET END WITH SHACKLE FOR 9, 11 & 14MM RODS	12.95

FLEXI END

A 60cm length of 6mm rod with pulling eye, used to assist conduit rods around bends, suitable for 9, 11 and 14mm.



PART NO.	DESCRIPTION	PRICE
S00-1382	FLEXI END	33.11

SPRING ENDS

A) Spring end with 15mm ϕ ball end used to assist conduit rods around bends, suitable for 4.5 and 6mm rods.



B) 150mm long spring with pulling eye use to assist conduit rods around bends, suitable for 9, 11 and 14mm rods.

PART NO.	DESCRIPTION	PRICE
S03-6604	A) SPRING END ATTACHMENT FOR 4.5 & 6MM RODS	4.95
S00-3068	B) SPRING END ATTACHMENT FOR 9/11/14MM RODS	15.41

BALL END & U-SHACKLE

A) A simple guide ball, used to assist conduit rods around bends, suitable for 9, 11 and 14mm rods.



B) Smooth U Shackle to prevent snagging and cable damage.

PART NO.	DESCRIPTION	PRICE
S03-3067	A) 40MM BALL ATTACHMENT FOR 9, 11 & 14MM	4.31
S00-8170	B) U-SHACKLE	13.08

ROLLER ENDS

A) 25mm ϕ roller end made of aluminium alloy for 4.5 and 6mm rods.

B) 50mm ϕ roller end made of aluminium alloy for 9, 11 and 14mm rods.



PART NO.	DESCRIPTION	PRICE
S03-6606	ROLLER END FOR 4.5 & 6MM RODS	9.95
S03-6608	ROLLER END FOR 9, 11 & 14MM RODS	10.95

GRIP COUPLING 1A

A 3m long fibreglass rod used when threading 25mm sub duct.



PART NO.	DESCRIPTION	PRICE
S83-2638	GRIP COUPLING 1A	56.92

DUCT REPAIR KIT 3A

For repairing Ducts 54, 54D and 55. Consists of Duct Split Inserts, Duct Liners and Straps Cable Fixing 10A.



PART NO.	DESCRIPTION
S83-2776	DUCT REPAIR KIT

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

GLAND CAULKING

Gland Caulking 2:

Used for the sealing of Duct 54D in combination with Disc Caulking 1 and Compound 16A.

Gland Caulking 3:

Used for the sealing of Duct 56 in combination with Disc Caulking 4 and Compound 16A.



PART NO.	DESCRIPTION
S83-3330	GLAND CAULKING 2
S83-3331	GLAND CAULKING 3

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

DISC CAULKING

Used with Glands Caulking and Compound 16A. Each gland requires two discs.



PART NO.	DESCRIPTION
S83-3332	DISC CAULKING 1
S83-3333	DISC CAULKING 4

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

DUCT MOTOR 2B

Used for placing Drawrope in ducts. Associated product: Bags Grips.



PART NO.	DESCRIPTION	PRICE
S83-2627	DUCT MOTOR 2B	691.53

BAGS GRIP

Bags for use with Duct Motor 2B.



PART NO.	DESCRIPTION	PRICE
S83-0867	BAGS GRIP NO. 4 MEDIUM	16.25
S83-0866	BAGS GRIP NO. 5 SMALL	16.25
S83-0865	BAGS GRIP NO. 6 LARGE	16.25

REEL HOSE 6

A portable 300m 3/8" hose reel mounted on a two wheeled trolley with a winding handle. For use with duct motors associated with rodding, light cabling vehicles and portable air compressor sets. 1/2" hose version available upon request. Please call sales.



PART NO.	DESCRIPTION	PRICE
S83-2691	REEL HOSE 6	1,124.81

SUBDUCT PULLING SLING

3 or 4 leg harnesses for pulling cables or sub-ducts together.



PART NO.	DESCRIPTION
S83-4060	SUBDUCT PULLING SLING 3 LEG
S83-3180	SUBDUCT PULLING SLING 4 LEG

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

OVERHEAD & UNDERGROUND



GUIDE ROD FLEXIBLE 3

A dual purpose flexible steel tube 2.9m long with a 38mm dia. bore, used to guide Rods Duct 3 to and from rodding machine to duct mouth. Used with Clamp Guide 2A to secure in a joint box and Guide Rod Flexible 4 and Clamp 13A to extend length.



PART NO.	DESCRIPTION	PRICE
S83-0987	GUIDE ROD FLEXIBLE 3	110.27

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.



PART NO.	DESCRIPTION	PRICE
S83-2646	GUIDE ROD FLEXIBLE 4	130.31

ANTI-TORSION SWIVEL JOINTS

Anti-torsion swivel joint suitable for joining both steel and synthetic pilot and pulling ropes, with the pulling stocks (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	41.48
S03-4750	B) 32MM DIAMETER ANTI-TORSION SWIVEL	64.61
S03-4751	C) 45MM DIAMETER ANTI-TORSION SWIVEL	121.53
S03-4752	D) 60MM DIAMETER ANTI-TORSION SWIVEL	229.30

CONNECTOR SWIVEL NO. 1 (32MM)

For use with Grips Cable Single Eye and Rope Cabling No.4. Length: 178mm Diameter: 32mm.



PART NO.	DESCRIPTION	PRICE
S83-0937	CONNECTOR SWIVEL NO. 1 (32MM)	92.15

AIR COMPRESSOR

Air Compressor used to operate Duct Motor 2B.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION	PRICE
S83-3179	AIR COMPRESSOR	

CONNECTOR SWIVEL CSM

A connector used for installing fibre optic cables. Contains a central strength member.



PART NO.	DESCRIPTION	PRICE
S83-0956	CONNECTOR SWIVEL CSM	35.73

CONNECTOR SWIVEL (22MM)

A fused swivel connector used to install fibre optic cables in duct and sub duct.



PART NO.	DESCRIPTION	PRICE
S83-0934	CONNECTOR SWIVEL (22MM)	54.46

OVERHEAD & UNDERGRND

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.



PART NO.	DESCRIPTION	PRICE
S83-2662	LINK CABLING NO.1	4.00

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	10.50

LINK KEYSTONE 1/2"

A high tensile steel link, shaped in a figure of 8, used with Ropes Cabling.



PART NO.	DESCRIPTION	PRICE
S83-0957	LINK KEYSTONE 1/2"	3.84

SUBDUCT PULLING EYE WITH CLEVIS

Sub Duct pulling eye also known as carrots, with clevis pin and eye other end to attach draw rope etc. Units are tapered and threaded to cover range. Zinc Plated.



PART NO.	DESCRIPTION	PRICE
S83-4869	SUBDUCT PULLING EYE WITH CLEVIS 24-29MM	64.76
S83-4867	SUBDUCT PULLING EYE WITH CLEVIS 29-37MM	64.76

MANDREL NYLON

Cylindrical Polypropylene Mandrels used to clear any blockages in ducts. Size of mandrel dependant on the size of the duct.



PART NO.	DESCRIPTION	PRICE
S83-0730	MANDREL 43MM - 51MM DUCT	52.92
S83-0731	MANDREL 70MM - 76MM DUCT	55.02
S83-0733	MANDREL 79MM - 92MM DUCT	63.46
S83-0734	MANDREL 83MM - 95MM DUCT	66.92
S83-0735	MANDREL 95MM - 102MM DUCT	77.74

BRUSH CYLINDRICAL

Range of brushes for cleaning the bores of empty ducts of various sizes.



PART NO.	DESCRIPTION	PRICE
S83-0724	BRUSH 57MM (51MM DUCT)	65.18
S83-0726	BRUSH 80MM (76MM DUCT)	87.08
S83-0725	BRUSH 86MM (83MM DUCT)	97.23
S83-0727	BRUSH 95MM (90-92MM DUCT)	98.62
S83-0728	BRUSH 108MM (102MM DUCT)	106.54

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.



PART NO.	DESCRIPTION	PRICE
S00-1203	GRIPS CABLE SINGLE EYE CLOSED 1/4" FOR 6-13MM CABLE	8.04
S00-1204	GRIPS CABLE SINGLE EYE CLOSED 1/2" FOR 13-19MM CABLE	9.96
S00-1205	GRIPS CABLE SINGLE EYE CLOSED 3/4" FOR 19-25MM CABLE	11.76
S00-1206	GRIPS CABLE SINGLE EYE CLOSED 1" FOR 25-38MM CABLE	13.19
S83-3543	GRIPS CABLE SINGLE EYE CLOSED 1 1/2" FOR 38-51MM CABLE	18.32
S83-3189	GRIPS CABLE SINGLE EYE CLOSED 2" FOR 51-63MM CABLE	23.02
S83-3190	GRIPS CABLE SINGLE EYE CLOSED 2 1/2" FOR 63-76MM CABLE	23.32

GRIPS CABLE FLEETING



PART NO.	DESCRIPTION
S83-3192	A) GRIPS FLEETING SINGLE EYE SPLIT 1" FOR 25-38MM CABLE
S83-3193	A) GRIPS FLEETING SINGLE EYE SPLIT 1 1/2" FOR 38-51MM CABLE
S83-3194	A) GRIPS FLEETING SINGLE EYE SPLIT 2" FOR 51-63MM CABLE
S83-3195	A) GRIPS FLEETING SINGLE EYE SPLIT 2 1/2" FOR 63-76MM CABLE
S83-0883	B) GRIPS FLEETING DOUBLE EYE OPEN 1" FOR 25-38MM CABLE
S83-0882	B) GRIPS FLEETING DOUBLE EYE OPEN 1 1/2" FOR 38-51MM CABLE
S83-3196	B) GRIPS FLEETING DOUBLE EYE OPEN 2" FOR 51-63MM CABLE
S83-0880	B) GRIPS FLEETING DOUBLE EYE OPEN 2 1/2" FOR 63-76MM CABLE

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

GRIPS CABLE RECOVERY

Recovery Cable Grips used to aid the recovery of underground cables, supplied in sizes according to the diameter of the cable.



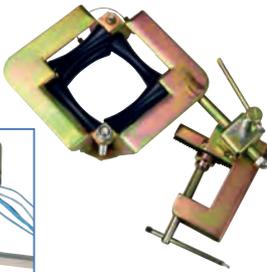
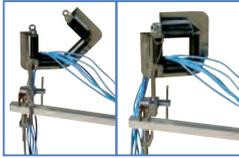
PART NO.	DESCRIPTION
S83-2631	GRIPS CABLE RECOVERY 1 (BT SPEC) FOR 31-44MM CABLE
S83-2633	GRIPS CABLE RECOVERY 2 (BT SPEC) FOR 44-57MM CABLE
S83-2635	GRIPS CABLE RECOVERY 3 (BT SPEC) FOR 57-70MM CABLE
S83-2637	GRIPS CABLE RECOVERY 4 (BT SPEC) FOR 70-82MM CABLE
S83-2630	GRIPS CABLE RECOVERY 1 (STD SPEC) FOR 31-44MM CABLE
S83-2632	GRIPS CABLE RECOVERY 2 (STD SPEC) FOR 44-57MM CABLE
S83-2634	GRIPS CABLE RECOVERY 3 (STD SPEC) FOR 57-70MM CABLE
S83-2636	GRIPS CABLE RECOVERY 4 (STD SPEC) FOR 70-82MM CABLE

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

OVERHEAD &
UNDERGRND

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	103.87

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	35.78
S00-1241	NO.2 SPLIT BELLMOUTH	40.24

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	66.63

ROLLER ROPE GUIDING SURFACE

Used to guide draw ropes and cabling ropes out of joint boxes avoiding fraying to the rope. The unit comprises 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	51.36

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	113.16

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	130.67

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	427.14
S83-0985	B) GUIDE CABLING 4B	244.38

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
S83-0986	A) GUIDE CABLING 6A
S83-2645	B) GUIDE CABLING 6B

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

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	25.36

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	110.77

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	79.95

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	79.23

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	125.69

See our Cable Handling section pages 284-287 for

- Cable Roller Stands & Rails
- Cable Drum Dispensers
- Cable Drum Jacks

OVERHEAD & UNDERGRND

CARRIAGEWAY GROUND SHEET

Hi-vis ground sheet tailored in size to be used with all popular 'JRC' and 'JUF' Carriageway Boxes.

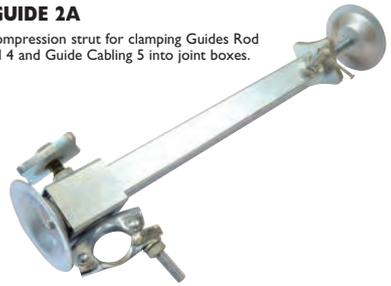
The sheet measures 2.1m x 1.5m and is manufactured from hi visibility PVC backed Polyester offering a strong, dry and durable membrane for the operator as well as saving the need for numerous sheets along each side of a pit.



PART NO.	DESCRIPTION	PRICE
S83-6621	CARRIAGEWAY GROUND SHEET	19.95

CLAMP GUIDE 2A

Extendible compression strut for clamping Guides Rod flexible 3 and 4 and Guide Cabling 5 into joint boxes.



PART NO.	DESCRIPTION	PRICE
S83-0767	CLAMP GUIDE 2A	81.67

SHACKLE NO. 1

Large bow shaped shackle with a pin diameter 1", used for general purpose lifting & pulling, SWL 2 tons.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

PART NO.	DESCRIPTION
S83-3200	SHACKLE NO.1

SHACKLE NO. 2

Large bow shaped shackle with a pin diameter 1 3/8", used for general purpose lifting & pulling, SWL 4 tons.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

PART NO.	DESCRIPTION
S83-3201	SHACKLE NO.2

SHACKLE NO. 10

Used with moleploughs, this is a small D shackle.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

PART NO.	DESCRIPTION
S83-3202	SHACKLE NO.10

BLOCK SNATCH NO. 1

A lightweight aluminium snatch block can be used for lifting or pulling.
Pulley diameter: 3 3/8".
Max rope diameter: 16mm.
SWL: 450kg.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

PART NO.	DESCRIPTION
S83-3197	BLOCK SNATCH NO. 1

BLOCK SNATCH NO. 2

A lightweight steel snatch block with an aluminium pulley.
Pulley diameter: 7 3/4".
SWL: 1016kg.
Not for lifting use.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

PART NO.	DESCRIPTION
S83-3199	BLOCK SNATCH NO.2

BLOCK SNATCH 2"

A steel snatch block with a cast iron pulley.
Max rope diameter: 16mm.
Pulley diameter: 3 3/8".
SWL: 1016kg.
Not for lifting use.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

PART NO.	DESCRIPTION
S83-3199	BLOCK SNATCH 2"

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.



PART NO.	DESCRIPTION	PRICE
S83-0786	ROPES CABLING NO. 1	354.08

DRAWROPE NO.1

500M drum of 6mm diameter drawrope.



PART NO.	DESCRIPTION	PRICE
S00-1445	DRAWROPE NO.1	25.67

ROPE CABLING NO.4

Low stretch rope with an eye splice at each end, used for underground cabling work.



PART NO.	DESCRIPTION	PRICE
S83-3187	ROPES CABLING NO. 4 - 100M	525.26
S83-0785	ROPES CABLING NO. 4 - 200M	1148.60
S83-3188	ROPES CABLING NO. 4 - 500M	2626.31

SLICK-LINE

A 6,600m drum of 8kn rope, used in sub-duct installations.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2700	SLICK-LINE

SPLICING FID

Used for splicing Ropes Cabling.



PART NO.	DESCRIPTION	PRICE
S83-0942	SPLICING FID	8.46

UNIVERSAL CABLE DRUM STAND

Suits drums up to 600mm diameter, 500mm width and weight of 100kg.



Dimensions:
780 x 750 x 180mm.
Weight: 10kg.

PART NO.	DESCRIPTION	PRICE
S00-1200	24" CABLE DRUM STAND	41.93

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	42.89

OVERHEAD & UNDERGRND

TECHLUBE HD

A cable pulling lubricant for use when installing heavy duty underground cables.

Supplied in 20 litre containers.



PART NO.	DESCRIPTION	PRICE
S83-2667	TECHLUBE HD	63.46

TECHLUBE FO

A cable pulling lubricant for use when installing fibre optic cables. Can also be used when working with lighter underground cable.

Supplied in 20 litre containers.



PART NO.	DESCRIPTION	PRICE
S83-2666	TECHLUBE FO	66.92

PUMP LUBRICANT 2A

Pump used for applying cable lubricants.

Fits standard 18.9 litre drum. Supplied with 5m clear, plastic hose.



PART NO.	DESCRIPTION	PRICE
S83-0709	PUMP LUBRICANT 2A	225.92

LUBRICANT CABLE 2A

This lubricant reduces the friction between the cable and duct walls. Supplied in 20 litre containers.



PART NO.	DESCRIPTION	PRICE
S83-2665	LUBRICANT CABLE 2A	77.33

CABLE EASE BLOWING LUBRICANT

Designed for telecommunication cable placement operations using blowing and air carrying techniques. Supplied in 1 litre bottle.



PART NO.	DESCRIPTION	PRICE
S83-3630	CABLE EASE	13.08

JETTING LUBE

Used to lubricate cables when jetting into ducts.

Supplied in 0.95 litre bottle.



PART NO.	DESCRIPTION	PRICE
S83-3696	JETTING LUBE	18.33

GEL CABLE PULLING LUBRICANTS

Gel, suitable for most cable types. Available in 1.1 litre & 22.5 litre containers.



PART NO.	DESCRIPTION	PRICE
C00-1563	1.1L GEL CABLE PULLING LUBRICANT	7.66
C00-1564	22.5L GEL CABLE PULLING LUBRICANT	46.67

POLYWATER® PRELUBE 2000™ CABLE BLOWING LUBRICANT 0.95L

Ideal for blowing cables and relining ducts. Polywater® Prelube 2000™ reduces frictional drag during the blowing of outside plant cable into duct. It increases the length of cable that can be blown in a single shot. Prelube 2000™ can also be used to blow in the hollow microtubes intended to hold future microcables.

Over the last decade, Prelube 2000™ has been proven in the blowing of tens of thousands of kilometers of cable in over 20 countries on a variety of cable blowing machines.

- Cable blowing lube for air-assisted fibre optic cable installations.
- Compatible with cable jackets.
- Approved & recommended by numerous blowing equipment manufacturers.
- Increases blowing distance with lower friction.



PART NO.	DESCRIPTION	PRICE
S83-6675	PRELUBE 2000™ CABLE BLOWING LUBRICANT 0.95L	9.25

POLYWATER® PRELUBE 5000™ CABLE BLOWING LUBRICANT 0.25L

Polywater® Prelube 5000™ is more concentrated than the Prelube 2000™. It is intended for blowing microcable into small diameter microtubes. The improved chemistry allows this product to spread further and lower friction at extremely low coating levels. The lower viscosity allows practical application into the microtubes.

- Microfibres/Microduct applications.
- Cable blowing lubricant for air assisted installations.
- Compatible with micro cable plastic jackets.
- Reduces friction, drag, and increases blowing length

Polywater® Prelube 5000™ is easy to use. It can be squeezed into the small diameter microducts.

It works at extremely low coating levels. It coats further and more effectively than conventional blowing lubricants.

Polywater® Prelube 5000™ is compatible with known microcable plastic jackets. However, it should not be used for resin-coated fibre cables.



PART NO.	DESCRIPTION	PRICE
S83-6676	PRELUBE 5000™ CABLE BLOWING LUBRICANT 0.25L	13.49

POLYWATER® F LUBRICANT 3.8L

Polywater F Lubricant is a high performance, pourable liquid, cable pulling lubricant recommended for pulling underground fibre optic cable. It is also suitable for pulling coaxial and copper-pair cable. Polywater F is a thick liquid, and is applied by pouring or pumping the lubricant into the duct system. It is a popular lubricant and used in the pulling over 50,000 miles (80,000 km) of fibre optic cable into duct.

- Field proven high performance pourable lubricant
- Easy to pour into innerducts and feeder tubes
- Works on underground fibre optic, coaxial, and copper cable pulls
- Approved and recommended by many cable manufacturers
- Superior friction reduction
- Carries with cable for long distance - wets and clings to cable.
- Compatible with cable jackets
- Clean and non-staining



PART NO.	DESCRIPTION	PRICE
S83-6677	POLYWATER® F LUBRICANT 3.8L	11.74

POLYWATER® FTTx LUBRICANT 0.95L

Polywater® FTTx Fibre Lubricant makes the installation of fibre drops easy. The lubricant is concentrated, only a thin film is required for immediate tension reduction that lasts even as the lubricant dries. Spray or wipe the cable or conduit. Quick and easy to use without mess or excess lubricant.

- Perfect for Fibre Optic Drops
- Non-Staining, Quick Clean-Up
- Easy Application with Spray
- Lubricates with Very Thin Film, Performs After Drying
- Compatible with Common Cable Jackets including Polyethylene

FTTx Lubricant works even after it has dried. The residue is a thin, slippery film that retains lubricity for months after use.



PART NO.	DESCRIPTION	PRICE
S83-6678	POLYWATER® FTTx LUBRICANT 0.95L	9.46

POLYWATER® SQUEEYKLEEN™ CABLE CLEANING WIPES

Supplied in a dispenser with 300 5" x 6" (127mm x 152mm) premoistened cable cleaning wipes.

New SqueeKleen™ cleans and fans fibre in two wipes without alcohol, saving time & money. No follow-up with alcohol required to get fibres squeaky clean and separated for fast & easy splicing.

SqueeKleen™ reduces chemical odors & harmful vapour concentrations in splice trailers and vaults while being less harsh on hands.

Its unique formulation and specially designed high-performance toweltette work to remove pik from the entire surface of loose tube or ribbon fibres, leaving no residue.

SqueeKleen™ helps keep splice equipment clean for better fibre alignment & splice quality. Will not harm acrylate on loose tube cable or Mylar on ribbon fibre.



PART NO.	DESCRIPTION	PRICE
S83-6679	POLYWATER® SQUEEYKLEEN COMMUNICATIONS CLEANER	27.06

POLYWATER® AQUAKLEEN™ FIBRE CLEANER 60ML

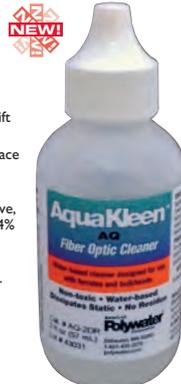
For cleaning ferrules, bulkheads and fibre endfaces.

AquaKleen™ Fibre Cleaner is formulated for cleaning fibre-optic cables and endfaces. Its excellent wetting reaches precision parts to lift dust, buffer gel, lint, finger prints, and oils.

AquaKleen™ dissipates static to remove surface charges so that the surface is less likely to be re-contaminated.

AquaKleen™ Fibre Cleaner contains innovative, water-based technology. A special blend of 94% ultra-pure deionized water with proprietary solvents; it does not leave a residue. Supplied in a squeeze bottle with dropper tip.

- Eco Friendly,
- Non-Toxic
- Water-based
- No Residue
- Excellent Solvency
- Non-Flammable
- Easy to Transport



PART NO.	DESCRIPTION	PRICE
S83-6680	POLYWATER® AQUAKLEEN™ FIBRE CLEANER	9.87

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.



PART NO.	DESCRIPTION	PRICE
S83-3203	CABLE BEARER TYPE 1—178MM	3.38
S83-3204	CABLE BEARER TYPE 3—508MM	8.46
S83-3205	CABLE BEARER TYPE 5—813MM	21.14
S83-3206	CABLE BEARER TYPE 8—1270MM	30.82
S83-3207	CABLE BEARER TYPE 10—1574MM	37.42
S83-3208	CABLE BEARER TYPE 12—1879MM	60.04

BRACKET CABLE BEARER

Used with Cable Bearer Wall Type and Pins Locking. The type numbers indicate the effective length in inches.



PART NO.	DESCRIPTION	PRICE
S83-3209	BRACKET CABLE BEARER TYPE 3-150MM	2.54
S83-3210	BRACKET CABLE BEARER TYPE 5-170MM	3.50
S83-3211	BRACKET CABLE BEARER TYPE 8-250MM	6.00
S83-3212	BRACKET CABLE BEARER TYPE 12-350MM	6.08
S83-3213	BRACKET CABLE BEARER TYPE 18-500MM	9.49
S83-3214	BRACKET CABLE BEARER TYPE 24-650MM	13.38

STEP MANHOLE NO.1

For use in reinforced concrete or brickwork manholes.



PART NO.	DESCRIPTION
S83-3216	STEP MANHOLE NO.1

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsstd.com

STEP MANHOLE NO.2

Bolt-on step to replace broken or missing steps in manholes.

Bolt required: Bolt Expansion 1A.



PART NO.	DESCRIPTION
S83-3217	STEP MANHOLE NO.2

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsstd.com

BOLT FOUNDATION INDENTED NO.1

Iron foundation bolt for Cabinets Cross Connection.



PART NO.	DESCRIPTION
S83-3218	BOLT FOUNDATION INDENTED NO.1

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsstd.com

BOLT FOUNDATION INDENTED NO.2

For fixing cable bearers in new concrete and brickwork.



PART NO.	DESCRIPTION
S83-3219	BOLT FOUNDATION INDENTED NO.2

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsstd.com

PIN LOCKING CABLE BEARER

For fixing Brackets Cable Bearer to Cable Bearer Wall Type.



PART NO.	DESCRIPTION
S83-3215	PIN LOCKING CABLE BEARER

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsstd.com

IRON ANCHOR 4

For setting in concrete walls of joint chambers to mount cable guides.



PART NO.	DESCRIPTION
S83-3220	IRON ANCHOR 4

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsstd.com

BOLT EXPANSION 1A

Used in Joint boxes and manholes to fix Cable Bearers and Steps Manhole No.2



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2869	BOLT EXPANSION 1A

STUD EXPANDING 1A

Used to attach Plate Wall No.5 and Brackets to walls.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-0970	STUD EXPANDING 1A

JOINT BOXES

Prefabricated glass reinforced polyester.



Internal dimensions:
Joint Box 23: 200 x 450 x 450mm deep,
Cover Joint Box 23 ordered separately.
Joint Box 26: 720 x 250 x 570mm deep.

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2795	A) JOINT BOX 23
S83-2797	B) JOINT BOX 26

COVER JOINT BOX 23

Cast iron cover for Joint Box 23.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2796	COVER JOINT BOX 23

FRAME & COVER CARRIAGEWAY

Frame & Cover Carriageway ductile iron manhole cover and frame. Manufactured to relevant BS standard.

Frame & Cover Carriageway 1: 600 x 600mm clear opening,
Frame & Cover Carriageway 2: 1200 x 675mm clear opening,
Frame & Cover Carriageway 3: 1800 x 675mm clear opening.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2778	FRAME & COVER CARRIAGEWAY 1
S83-2779	FRAME & COVER CARRIAGEWAY 2
S83-2780	FRAME & COVER CARRIAGEWAY 3

FRAME & COVER FOOTWAY NO.2



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-3695	FRAME & COVER FOOTWAY NO.2

GRATING SUMP 2A

Used in Manholes and joint boxes, this is a 250 x 250mm PVC drainage sump.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2781	GRATING SUMP 2A

OVERHEAD &
UNDERGRND

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)	10.52

KEY 9753 (PAIR)

For light duty non-locking covers and also the lifting of pedestrian duty Broadstel.



PART NO.	DESCRIPTION	PRICE
S83-0997	KEY 9753 (PAIR)	12.50

KEY 9758

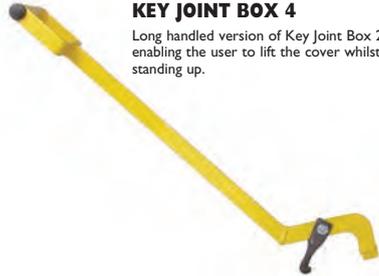
U shaped key for light duty covers with a 9.5mm key hole size.



PART NO.	DESCRIPTION	PRICE
S00-3031	KEY 9758	3.92

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
S00-1071	KEY JOINT BOX 4	22.27

KEY JOINT BOX 5

Similar to Key Joint Box 4, but featuring a hinged arm which positions under the opened pit lid to improve safety.



PART NO.	DESCRIPTION	PRICE
S00-4276	KEY JOINT BOX 5	29.56

**REPLACEMENT HOOK**

Replacement hook for Key Joint Box 2,4 & 5.



PART NO.	DESCRIPTION	PRICE
S00-4427	REPLACEMENT HOOK	4.43

REPLACEMENT NUT & BOLT

Replacement nut and bolt set for Key Joint Box 2,4 & 5.



PART NO.	DESCRIPTION	PRICE
S00-3631	REPLACEMENT NUT & BOLT	1.53

PIT ROLLER BAR

Metal bar used to roll opened pit lids safely into a secure position.



PART NO.	DESCRIPTION	PRICE
S00-9030	PIT ROLLER BAR	8.99

KEY CARRIAGEWAY 2A

For use on E type and square or rectangular covers. Features an adjustable locking nut which bears against the frame to lift the cover. Supplied individually but used in pairs.



PART NO.	DESCRIPTION	PRICE
S00-3001	KEY CARRIAGEWAY 2A	22.56

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
S00-3575	KEY LIFTING MANHOLE COVER	17.60

20" PIT LIFTER (PAIR)

Pair of 20" long pit lifting keys featuring 36mm blades. Suitable for small pit covers.



PART NO.	DESCRIPTION	PRICE
S00-3000	20" PIT LIFTER (PAIR)	12.83

4 WAY PIT LIFTER

Multipurpose pit lifter featuring keys for a variety of different covers.



PART NO.	DESCRIPTION	PRICE
S00-7907	4 WAY PIT LIFTER	159.95

4 WAY UTILITIES KEY

Compatible with water, electric and gas service cabinets.



PART NO.	DESCRIPTION	PRICE
S00-7906	4 WAY UTILITIES KEY	2.65

KEY PILLAR

Multi-purpose key for use on hollow pole doors, Pillars Distribution, Cabinets Cross Connection and Posts Joining.



PART NO.	DESCRIPTION	PRICE
S83-0804	KEY PILLAR	6.92

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
S00-0005	T HANDLE 20" MANHOLE KEY (PAIR)	11.20

OVERHEAD & UNDERGRND

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 full set of keys.

**Replacement parts for old style Lifter Manhole Cover 4B**

- 1A Used in pairs to lift Ekington type manhole covers.
- 2A Used in pairs to lift unit type manhole covers.
- 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.
- 4A Used in pairs to lift old types of manhole covers.
- 5C Used in pairs for lifting Unit Type Light Covers and Covers Driveway.

PART NO. DESCRIPTION

S83-0966	LIFTER MANHOLE COVER 4B
S83-2659	PART 1A
S83-2660	PART 2A
S83-2661	PART 3B
S83-0854	PART 4A
S83-4040	PART 5C

**RING SALES FOR
SPECIAL
PRICES**
OR VISIT
millskd.com

**ARNOLD MK I COVER LIFTER**

Arnold Mk.I is designed to allow a single person to safely remove and replace a variety of manhole, duct and trench covers with minimal effort. It is designed to fold into a compact size making it easy to store and transport. It can also be manoeuvred in its storage mode. The pivoting bearer beam allows the lid to remain horizontal during the removal and replacement process.

It has a safe working load of 125kgs.

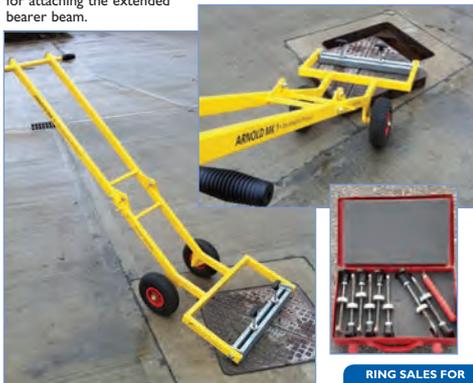
Product weight: 20Kgs.

Folded dimensions: 912(l) x 660(w) x 623(h)mm.

Open dimensions: 1543(l) x 660(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.



**RING SALES FOR
SPECIAL
PRICES**
OR VISIT
millskd.com

PART NO. DESCRIPTION

S00-3697	ARNOLD MK I COVER LIFTER
----------	--------------------------

HYDRAULIC COVER LIFTER

This machine is robust, mobile, easy to use and incorporates a 4 ton lifting Jack.

Available for 2 & 4 hole covers & supplied with keys for standard carriageway covers. Other keys are available on request. The standard model will lift 2 hole covers, split covers and will accommodate covers up to 1130mm wide & 152mm deep.

An accessory kit which easily converts 2 hole units to 4 hole units is available if required.

**PART NO. DESCRIPTION**

S00-4019	HYDRAULIC COVER LIFTERS 2 HOLE
S00-4020	4 HOLE ACCESSORY KIT

**RING SALES FOR
SPECIAL
PRICES**
OR VISIT
millskd.com

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.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-3221	PROPANE COMPLETE KIT

PROPANE TORCH

A propane torch handle that accommodates a range of different size nozzles.



PART NO.	DESCRIPTION	PRICE
S83-0841	PROPANE TORCH	22.16

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	32.83

PROPANE SPANNER

General purpose spanner for use with Propane Torch and Regulator.



PART NO.	DESCRIPTION	PRICE
S83-0959	PROPANE SPANNER	3.25

PROPANE STOVE



PART NO.	DESCRIPTION	PRICE
S83-2684	PROPANE STOVE	89.28

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'	13.12

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'	14.47

OVERHEAD & UNDERGRND

PROPANE LIGHTER

Pistol flint spark gun lighter has an easy trigger operation. Easy flint replacement.



PART NO.	DESCRIPTION	PRICE
S83-2678	PROPANE LIGHTER	8.79

PROPANE COUPLING BLANK

For blanking off unused outlet on Propane Regulator.



PART NO.	DESCRIPTION	PRICE
S83-0967	PROPANE COUPLING BLANK	1.15

PROPANE HOSE CLIPS

Steel hose clips for use with propane hose. Supplied individually.



PART NO.	DESCRIPTION	PRICE
S83-3222	PROPANE HOSE CLIPS	0.39

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	1.20
S83-0905	B) PROPANE COUPLING NUT	2.29
S83-2682	SET OF PROPANE NUT & COUPLING	3.29

PROPANE HOSE HIGH PRESSURE

High pressure hose for propane tools, 4.7mm bore.

Sold by the metre - Call sales for pricing.



PART NO.	DESCRIPTION	PRICE
N/A	PROPANE HOSE HIGH PRESSURE	

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsitd.com

3M JOINTING KIT

Splicing rig designed for in-line and teeing in jointing. Available in kit form with either one or two splicing heads.

Includes:

Case	Splitter Connector 25 Pair
Crimper	Splicing Head Pedestal
Splicing Head (1 or 2)	Pedestal Clamp
Adaptor Test 17A	Traverse Clamp Assembly
Insertor Wire 12A	Short Traverse Bar
Comb Checking 25 Pair	Support Tube Assembly

PART NO.	DESCRIPTION	PRICE
S83-0812	3M 4021 DOUBLE HEAD KIT	2012.50
S83-0813	3M 4021M SINGLE HEAD KIT	2171.83



RIVETER IA

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.



PART NO.	DESCRIPTION	PRICE
S83-0954	RIVETTER IA	36.92

MOISTURE BARRIER KIT 267A

Used to make moisture barrier connections. The kit comprises a rivet washer and wire connector.



PART NO.	DESCRIPTION
S83-0955	MOISTURE BARRIER KIT 267A

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

TUBING PLASTIC FLEXIBLE

Used when leading polyethylene insulated conductors from MDF air blocks. Supplied in varying diameters but all are 20 metres in length.



PART NO.	DESCRIPTION
S83-2859	TUBING PLASTIC FLEXIBLE 20MM
S83-2860	TUBING PLASTIC FLEXIBLE 30MM
S83-2861	TUBING PLASTIC FLEXIBLE 40MM
S83-2862	TUBING PLASTIC FLEXIBLE 50MM
S83-2863	TUBING PLASTIC FLEXIBLE 60MM
S83-2864	TUBING PLASTIC FLEXIBLE 70MM

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

SLEEVING I2

For use with Bush Trunking I.
Available in 3 sizes.

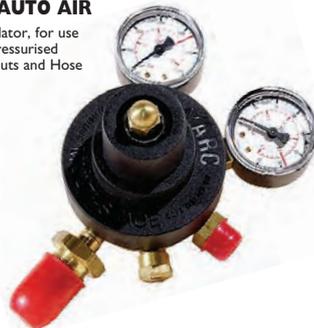


PART NO.	DESCRIPTION
S83-2848	SLEEVING 12/12MM 36 METRE COIL
S83-2849	SLEEVING 12/15MM 12 METRE COIL
S83-2850	SLEEVING 12/22MM 12 METRE COIL

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

REGULATOR AUTO AIR

Two stage Air Regulator, for use when working on pressurised cables. Couplings, Nuts and Hose also supplied.



PART NO.	DESCRIPTION	PRICE
S83-0851	REGULATOR AUTO AIR	87.98
S83-0907	REGULATOR AUTO AIR COUPLING	1.67
S83-0908	REGULATOR AUTO AIR NUT	1.44
S83-3227	REGULATOR AUTO AIR HOSE	POA

OVERHEAD &
UNDERGRND

CONNECTORS COMPRESSION I

Used on pressurised cables for connecting the tubing used to distribute the pressurised air.



PART NO.	DESCRIPTION
S83-2760	1/4" X 1/4" ELBOW
S83-2761	1/4" X 1/4" STRAIGHT
S83-2762	1/4" X 1/4" X 1/4" TEE
S83-2763	1/4" X 3/8" STRAIGHT
S83-2764	3/8" X 3/8" ELBOW
S83-2765	3/8" X 3/8" STRAIGHT
S83-2766	3/8" X 3/8" X 1/4" TEE

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsltd.com

VALVE AIR I

Supplied complete with Air Check, Cap and Sealing Ring, for use for cable pressurisation.



PART NO.	DESCRIPTION
S83-3231	VALVE AIR I

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsltd.com

VALVE AIR 5

Supplied complete with Air Check, for use with Sleeves PE, 4, 6, 8, 9 and 10.



PART NO.	DESCRIPTION
S83-3232	VALVE AIR 5

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsltd.com



VAN KITS

BUILT TO YOUR SPECIFICATION
Send us your listing for a **FREE** quotation



VALVE AIR 6

Used with Connector Cable Air 1A on pressurised lead cables and connector Cable Air 2 on pressurised polyethylene cables.



PART NO.	DESCRIPTION
S83-3233	VALVE AIR 6

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

ADAPTOR VALVE AIR 1

This Adaptor allows the engineer to make a pressure test point where cable joints are fitted with a Valve Air No. 1.



PART NO.	DESCRIPTION
S83-2716	ADAPTOR VALVE AIR 1

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

ADAPTOR VALVE AIR 2

Used to connect Connector Compression 1 to Valves Air.



PART NO.	DESCRIPTION
S83-2717	ADAPTOR VALVE AIR 2

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

TOOL VALVE AIR REPAIR

A dual purpose tool which is used to repair the inside and outside threads of Valves Air and can also be used to remove air checks.



PART NO.	DESCRIPTION	PRICE
S83-2712	TOOL VALVE AIR REPAIR	3.50

QUICK CONNECT CHUCK

A thumb lock lever type connector for use with Desiccator 2A.



PART NO.	DESCRIPTION	PRICE
S83-0943	QUICK CONNECT CHUCK	23.27

NO LOSS CHUCK

A brass connection valve for use on cable pressurisation.



PART NO.	DESCRIPTION	PRICE
S83-2673	NO LOSS CHUCK	53.73

NUT SEAL CAPTIVE 1A

Used with 1/4" polyethylene & aluminium tubing when supplying air for pressurised cable systems. Used with polyethylene tubing.



PART NO.	DESCRIPTION
S83-2833	NUT SEAL CAPTIVE 1A

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

NUT SEAL CAPTIVE 1C

Used with 1/4" polyethylene & aluminium tubing when supplying air for pressurised cable systems. Used with aluminium tubing.



PART NO.	DESCRIPTION
S83-2834	NUT SEAL CAPTIVE 1C

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

OVERHEAD & UNDERGRND

DESICCANT PACK 2A

Used on unventilated Cabinets
Cross Connection. 140g pack.



PART NO.	DESCRIPTION
S83-3224	DESICCANT PACK 2A

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsld.com

RESIN PACK 2B

A two component polyurethane compound specifically formulated for use in the construction of vertical air blocks in pressurised telecommunication cables.



PART NO.	DESCRIPTION
S83-2836	RESIN PACK 2B

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsld.com

RESIN PACK 6C

Two component compound for sealing the concrete bases of cabinets against the ingress of moisture.



PART NO.	DESCRIPTION
S83-2837	RESIN PACK 6C

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsld.com

RESIN PACK 7A

Resin Pack 7A is used for sealing ducts not fitted with a caulking gland, against the ingress of gas and water.
Supplied in two half litre tins.



PART NO.	DESCRIPTION
S83-2838	RESIN PACK 7A

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsld.com

RESIN PACK 7B

Resin Pack 7B is used for sealing ducts not fitted with a caulking gland, against the ingress of gas and water.



PART NO.	DESCRIPTION
S83-2839	RESIN PACK 7B

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsld.com

RESIN PACK 9B

Used for the sealing of polyethylene sheathed telecommunication cables into the base of sleeves 30A, 31A, 32A.



PART NO.	DESCRIPTION
S83-2840	RESIN PACK 9B

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsld.com

RESIN PACK 10B

A very hard/permanent sealant, used for sealing sleeves 30A, 31A and 32B.



PART NO.	DESCRIPTION
S83-2748	RESIN PACK 10B

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsld.com

RESIN PACK 14B



Resin Pack 14B is used for the construction of gas and/or water seals in vertically installed PVC ducting. It is being introduced to replace 14A.

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2835	RESIN PACK 14B

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.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2749	COMPOUND 16A

COMPOUND 21A

Compound 21A is a single component adhesive cement for bonding PVC ducting.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2750	COMPOUND 21A

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.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-3226	COMPOUND DX5

CAULKING GUNS

A) Professional caulking gun with frictionless movement which allows for precise control and for small amounts of mastic to be dispensed at any one time. The product has been specially designed for heavy duty applications and is suitable for use with normal 310ml mastic cartridges.



B) Standard caulking gun.

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION	PRICE
R70-7850	A) PROFESSIONAL CAULKING GUN	6.42
R99-1217	B) STANDARD CAULKING GUN	3.04

CONNECTOR BEND NO. 4

Connects Duct 102 or Duct 56 to cover 101A on Housing Estates.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-2759	CONNECTOR BEND NO. 4

SHEET RUBBER SELF ADHESIVE

For temporary closure of underground cables. Supplied in length 70cm x 7.3m. Includes 2 rolls of Tape Temporary Closure.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-3252	SHEET RUBBER SELF ADHESIVE

BLANKET CABLE PROTECTION

Used to protect surrounding cables when undertaking propane type work. Dimensions: 1200mm x 1200mm.



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

PART NO.	DESCRIPTION
S83-3248	BLANKET CABLE PROTECTION

OVERHEAD & UNDERGROUND



XAGA 500 HEAT-SHRINKABLE JOINT CLOSURE

CommScope's XAGA 500 is a heat-shrinkable composite joint closure system for environmental and mechanical protection of joints in the unpressurised telephone network : aerial, buried or ducted, non filled or jelly filled cables with polyethylene, lead, steel or aluminium sheaths. Extended size range can accommodate splices up to 800 pairs.

COMMSCOPE®
DISTRIBUTOR



Features:

- Composite structure of the sleeve offers an excellent resistance to mechanical abuse during and after the installation
- Integrated moisture barrier reconstitutes the cable sheath over the total splice area
- Hot-melt adhesive forms a watertight seal to the cable sheath
- Supporting liner insulates, shapes and compacts the splice bundle
- Up to 3 cables at each end can be accommodated using three finger clips with hot-melt adhesive
- Installation indicators: heat-sensitive paint, adhesive flow and white line
- Extended size range can accommodate splices up to 800 pairs
- Unlimited shelf life

Kit content

- Heat-shrinkable sleeve
- Channels with underclip
- Flexible liner
- Cleaning tissue
- Abrasive strip
- Branch-off kit
- Shield continuity wire
- Installation instruction

Note:

The standard XAGA 500 kit is designed for max. 2 cables branched at one end only. Branched joints with more cables require the use of one additional branch-off kit per added cable.

Ring sales for ordering guide
or visit: www.millsltd.com

XAGA 530 HEAT-SHRINKABLE JOINT CLOSURE

CommScope's XAGA 530 is a heat-shrinkable composite joint closure system for environmental and mechanical protection of joints in the unpressurised telephone network : aerial, buried or ducted, non filled or jelly filled cables with polyethylene, lead, steel or aluminium sheaths. It offers excellent performance under high humidity and in tropical conditions. Up to 3 cables at each end can be accommodated using three finger clips with hot-melt adhesive. Extended size range can accommodate splices up to 800 pairs.

COMMSCOPE®
DISTRIBUTOR



Features:

- Composite structure of the sleeve offers an excellent resistance to mechanical abuse during and after the installation
- Integrated moisture barrier reconstitutes the cable sheath over the total splice area
- Hot-melt adhesive forms a watertight seal to the cable sheath
- Variable non-hygroscopic liner insulates, shapes and mechanically protects the splice bundle
- Excellent performance under high humidity and in tropical conditions
- Up to 3 cables at each end can be accommodated using three finger clips with hot-melt adhesive
- Installation indicators: heat-sensitive paint, adhesive flow and white line
- Extended size range can accommodate splices up to 800 pairs
- Unlimited shelf life

Kit content

- Heat-shrinkable sleeve
- Channels with underclip
- Flexible liner
- Cleaning tissue
- Abrasive strip
- Desiccant (Silica gel)
- Aluminium foil
- Branch-off kit
- Shield continuity wire
- PVC tape
- Installation instructions

Ring sales for ordering guide
or visit: www.millsltd.com

XAGA 550 HEAT-SHRINKABLE JOINT CLOSURE

CommScope's XAGA 550 is a heat-shrinkable composite joint closure system for environmental and mechanical protection of joints in the unpressurised telephone network : aerial, buried or ducted, non filled or jelly filled cables with polyethylene, lead, steel or aluminium sheaths. The composite structure of the reinforced Rayfort sleeve offers an excellent resistance to mechanical abuse during and after the installation.

COMMSCOPE®
DISTRIBUTOR



Features:

- Integrated moisture barrier completely reconstitutes the cable sheath over the total splice area.
- Hotmelt adhesive forms a watertight seal to the cable sheath.
- A metal canister shapes and mechanically protects the splice bundle.
- Up to 3 cables at each end can be accommodated using three finger clips with hotmelt adhesive.
- Installation indicators: heat sensitive paint, adhesive flow and white line
- Extended size range can accommodate splices up to 3600 pair with any connector type.
- Unlimited shelf life.

Kit content

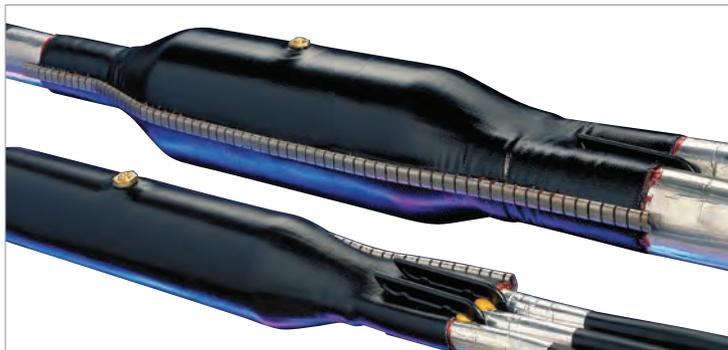
- Heat-shrinkable sleeve
- Metal canister (2 metal half shells)
- Self adhering aluminium strip
- Channels with underclip
- Branch-off kit
- Abrasive strip
- Desiccant (silica gel)
- Aluminium foil
- Cleaning tissue
- Shield continuity wire
- Installation instructions

Ring sales for **ordering guide**
or visit: www.millsltd.com

XAGA 1000 HEAT-SHRINKABLE JOINT CLOSURE

CommScope's XAGA-1000 is a joint closure system for copper telephone pressurised networks and is suitable for aerial, buried and ducted applications.

COMMSCOPE®
DISTRIBUTOR



Features:

- Composite material provides high mechanical strength
- Range of closures to suit all cable sizes
- Applicable for polyethylene and metal jacketed cables
- Pre-installed valve for pressure access and measuring
- Suitable for use with all standard connector systems
- Up to 4 cables out at each end
- Wraparound closure suitable for both maintenance and new construction
- Interchangeable air valve/connector
- Hotmelt adhesive designed specifically for pressurised closure applications

Kit content

- Heat-shrinkable sleeve
- Metal canister (2 metal half shells)
- Flexible stainless steel channels
- Underclips
- Aluminium closing strip
- Valve nut + 1 valve plug + 1 valve insert
- Shield continuity wire
- Cleaning tissue
- Aluminium tape
- Abrasive strip
- Installation instructions

Note

Branch off kits must be ordered as a separate item.

Ring sales for **ordering guide**
or visit: www.millsltd.com

MECHANICAL JOINT CLOSURE (MJC)

Watertight splice closure for aerial, underground and direct buried splices in the unpressurised copper telecommunication network.

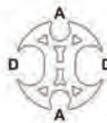
No special tools are needed for installation or re-entry and includes integrated mounting brackets for aerial and wall installation.

The cable entries MUST be fitted with branching plugs. Dependent on the number of cables and their sizes, a variety of branching plugs and reducers are available. These are required items but are not supplied with the closure and MUST be ordered separately due to the number of different options available.

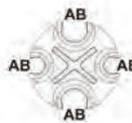


Different types of branching plugs

2A/2D plug
MJC-PS-2A/2D



4AB plug
MJC-PS-4AB



3BC plug
MJC-PS-3BC



EF/2A
MJC-PS-EF/2A



Plug selection

Port	Typical cable
Port A	5 pr.5 mm
Port B/D	10 pr.5 mm
Port C/D	20 pr.5 mm
Port E/F	30 pr.5 mm
Port M	50 pr.5 mm
Port L	100 pr.5 mm cable
Blanking plug	

L port reducer
MJC-PR-L



M port reducer
MJC-PR-M



Blanking plug
MJC-BP



Features:

- Robust construction with high mechanical strength
- Proven gel sealing system: Easy to handle at all temperatures / Easy to re-enter
- Innovative cable fixation system
- No special tools needed for installations or re-entry
- Closure uses over-centering 'ski boot' type latches
- Flexible branching plug system allowing installation of cables
- Integrated mounting brackets for aerial and wall installation
- Reduced inventory as fewer size closures needed to cover a wide range of applications up to 100 ports
- Both dome-ended and in-line closures are available
- Cable configuration changes possible with a minimum of extra accessories
- No shelf life

Kit content

- Closure
- Cable clamps
- Cleaning tissue
- Gel tape
- Installation instructions
- Measuring tape



Ring sales for ordering guide
or visit: www.millsltd.com

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.
- Various sizes available for sealing a wide range of ducts and cables

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.	DESCRIPTION	DUCT INSIDE DIAMETER RANGE		CORRESPONDING OUTSIDE DIA RANGE FOR 1/2 CABLES	
		MIN	MAX	IN MIN. DUCT	IN MAX. DUCT
S83-3632	TDUX-45	32.5	45	0-14	0-32
S83-3633	TDUX-60	45	60	0-18	0-45
S83-3634	TDUX-75	55	75	0-28	0-56
S83-3635	TDUX-90	60	100	0-22	0-83
S83-3636	TDUX-100	45	110	0-45	0-90
S83-3637	TDUX-125	110	125	0-83	0-103

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

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.**

COMMSCOPE®
DISTRIBUTOR

PART NO.	DESCRIPTION
S83-2709	A) TDUX INFLATION TOOL
S83-2708	B) TDUX GAS CYLINDERS (PK 10)

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

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.



COMMSCOPE®
DISTRIBUTOR

PART NO.	DESCRIPTION
S83-4742	TDUX INFLATION GUN

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

OVERHEAD &
UNDERGRND



FOSC 400 & FOSC 450G EXTERNAL FIBRE OPTIC SPLICE CLOSURES

COMMSCOPE®
DISTRIBUTOR

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 CommScope'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.

Ring sales for **ordering guide** or visit: www.millsltd.com

TENIO FIBRE CLOSURES

COMMSCOPE®
DISTRIBUTOR

Building on almost 30 years of innovation and industry leadership, CommScope's new TENIO closures enable 30-percent faster, future-proof network deployments in 30-percent 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-percent mechanical, tool-less 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.



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 CommScope's superior gel-sealing technology guarantees sealing regardless of cable type and form.

Ring sales for **ordering guide** or visit: www.millsltd.com

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 GCO2-FX version).



COMMScope®
DISTRIBUTOR

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 SASA2 splitter modules, which consist of a modular groove plate and trays.

Ring sales for [ordering guide](http://www.millsltd.com) or visit: www.millsltd.com

FIST-GCOG2 GEL SEALED EXTERNAL FIBRE OPTIC SPLICE CLOSURES

CommScope's generic gel closure FIST-GCOG2 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.

Six round cable ports are provided in a wrap-around block with pre-installed gel profile for cable sealing. This block can be opened and closed repeatedly without the need to remove or replace the gel.



COMMScope®
DISTRIBUTOR

FIST-GCOG2 has provision for all cable termination and sealing requirements. The universal mounting system profiles provide the foundation for mounting combinations of trays and/or splitters.

Ring sales for [ordering guide](http://www.millsltd.com) or visit: www.millsltd.com

TPC PORT OPENING TOOL

Used for the removal of cable port entries of Hellermann Tyton ready access closures.



PART NO.	DESCRIPTION
C00-3520	R SIZE TOP HAT PORT OPENER
C00-3521	B SIZE TOP HAT PORT OPENER

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

CORDLESS DUCT WINDOW-CUTTER

A professional grade multicutter available with a selection of blades incorporating a depth stop which have been designed to cut into ducts without damaging the cables. The blades are 35mm in width and available with a range of depth stops 4, 5, 6, 8mm. Other depths are available on request.

The duct cutter features a cordless motor is supplied with charger and 2 x 2Ah Batteries and Heavy Duty Carry Case

Designed to fit Starlock Plus blades and incorporates an easy blade change system, leaving no contact with a potentially hot blade. Powerful motor for many mid to high-draw cutting and sanding applications. 3D interface allows maximum power transmission and fast work progress. LED work light illuminates the cutting edge, ideally suited to low light working. Compatible with all Bosch 18V batteries.



OVERHEAD & UNDERGROUND



- 6-Speed
- LED Work Light
- Soft-Grip Handle
- Slide On/Off Switch
- All-Metal Gearing
- 2 x 1.4° Oscillation
- Fan-Cooled Motor
- Starlock Blade Change System

PART NO.	DESCRIPTION
P09-6871	CORDLESS DUCT CUTTER - 2 x 2Ah BATTERIES
P09-4857	35MM MULCICUTTER BLADE WITH 4MM DEPTH STOP
P09-4858	35MM MULCICUTTER BLADE WITH 5MM DEPTH STOP
P09-4859	35MM MULCICUTTER BLADE WITH 6MM DEPTH STOP
P09-4860	35MM MULCICUTTER BLADE WITH 8MM DEPTH STOP

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com



Test Equipment



Test Telephones

Cordsets & Adaptors

Cable Tracing Tone & Probes

ISDN & Telecoms Testers

TDRs



Coax Testers

Wiremap Testers

Cable Qualifiers

Cable Certifiers

Network Testers



Cable Avoidance Tools

Multimeters

Electrical Testers

Static Safe Equipment

THE 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.



[PDF Datasheet available online](#)

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

PART NO.	DESCRIPTION	PRICE
C00-5043	COMPACT 'DSP' TEST SET	79.95

TESTER PACKAGE

A combination of the popular "Compact DSP" test telephone (shown left) and our low cost tone tracer kit (PTS as shown on page 356).



[PDF Datasheet available online](#)

PART NO.	DESCRIPTION	PRICE
C00-8721	TESTER PACKAGE	127.15

TELE-MATE TM-500

The Tele-Mate TM-500 from Greenlee supersedes the DSTS 2 Test Telephone and can be used safely on a DSL enabled line.

Features

- Glow-in-the-dark keypad
- Can be used safely on a DSL enabled line
- High Impedance Monitor for monitoring line without disrupting existing traffic
- Over voltage and over current protection
- Tone and Pulse dialing for versatility on old and new phone lines
- Polarity test with LED indicator
- 32 digit last number redial and pause
- 10 number speed dial
- Adjustable volume control plus mute
- Pause
- Flash to generate a timed break recall
- Line powered, no battery needed
- Headset (included) for hands free operation
- RJ11 socket



[PDF Datasheet available online](#)

Supplied with BT plug cord.



PART NO.	DESCRIPTION	PRICE
C00-3493	TELE-MATE TM-500	106.69

TELE-MATE TM-700

The Tele-Mate TM-700 from Greenlee supersedes the Compact Pro with Caller ID. DSL compatible in both Monitor and Talk modes, the LCD screen makes testing easier than ever, and clearly shows speed dials and recent numbers for faster access.

Features:

- LCD displays: Caller ID and Call Waiting
- Dialed number
- Over-voltage conditions
- Phone status (monitor, on hook etc.)
- High impedance monitor enables use on DSL line
- 32 digit memories
- 10 x speed dial memories plus ten "last number redial" stores
- Over voltage and over current protection and warning.
- Tone and pulse dialling for versatility
- Intercom Mode
- DTMF detection and measurement
- Built in toner
- Headset included for hands-free operation
- Supplied complete with croc clip cord.



[PDF Datasheet available online](#)



PART NO.	DESCRIPTION	PRICE
C00-4435	TELE-MATE TM-700	173.98



Mills can supply you with the full range of Greenlee Communications Products for Datacom Cabling, IT Networks and Telecoms applications.



Call Sales for details.

TEST EQUIPMENT



GREENLEE 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	*	*	*	*	*	*

ALERT TEST TELEPHONE

Professional test butt in robust case sealed to IP67 standards and supplied with 3 year warranty.

With loudspeaker function. All the benefits of the Nautilus product range. Alert 340 now comes with DSL filters fitted as standard. No chance of disrupting traffic with the super high impedance monitor/function or dropping DSL service by accidentally going "Off-hook". Alert 340 has Digital Services Protection (DSP).

In the "on hook" mode, on connection to a circuit, the Test Telephone sounds an alarm to alert the user to the presence of voltages above 75V DC. Such voltages are normally present on circuits carrying digital services.

Supplied with croc clip cord, compatible with cordset blocks, C00-5988, C00-7902 and C00-7903 (see page 352).

Features:

- 3 year warranty
- Digital circuit safety
- Excessive voltage alarm
- Automatic lock-out
- Loudspeaker listening
- Volume boost
- Microphone mute



3 YEAR GUARANTEE

PART NO.	DESCRIPTION	PRICE
C00-5052	ALERT 340 TEST BUTT	140.42

DIGALERT™ PROBE "DETECTION WITHOUT CONNECTION"

A low cost probe which identifies without the need to disconnect, when digital traffic is present by emitting a loud tone. An essential product for today and tomorrow's communication networks.

3 YEAR GUARANTEE

AS SUPPLIED TO BT

Datashet available online

PROTECT HIGH REVENUE DIGITAL CIRCUITS BY CHECKING WITH THE DIGALERT™ PROBE BEFORE CUTTING



PART NO.	DESCRIPTION	PRICE
C00-3557	DIGALERT™ PROBE	82.60
M99-1203	MNI1604 PP3 BATTERY PKT I	1.98

DIGALERT™ TEST TELEPHONES

For complete protection of services we have increased the ability to detect new digital services offered to customers. These telephones are equipped with DSP which detects higher voltages experienced from non POTS lines, e.g. ISDN (BRI & PRI), E1 & Pair GAN systems. With Data detection we can now discriminate between POTS and DSL.

The test telephones are protected against accidental connection to high voltages. Test telephone is prevented from going "Off hook" in the presence of high voltages. Digital traffic is protected when the test telephone is "On-hook".

DigAlert™ 361 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.

DigAlert™ 350 does not feature the ADSL filter.

Supplied with croc clip cord, compatible with cordset blocks, C00-5988, C00-7902 & C00-7903 (see page 352).

Features:

- 3 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

PROOF TESTED TO IP67

3 YEAR GUARANTEE

AS SUPPLIED TO BRITISH TELECOM "TELE100"

Datashet available online



PART NO.	DESCRIPTION	PRICE
C00-4270	A) DIGALERT™ 361 TEST BUTT	221.66
C00-4269	B) DIGALERT™ 350 TEST BUTT	153.30
C00-0655	REPLACEMENT BT LEAD	6.16

TEST EQUIPMENT



FLUKE NETWORKS TS®54 TDR TEST SET

No longer will you need to carry a separate TDR, toner, pair identifier—everything you need is in the Fluke TS54, a three-in-one-TDR, toner and pair identifier—premium, VDV test set.

The TS54 is weatherproof and rugged and able to butt in on live DSL lines to test POTS quality without crashing data service.

Supplied with angled bed-of-nails and piercing pin cord.

Please see table on right for full details.



PART NO.	DESCRIPTION
TS54-A-09-TDR	TEST SET + TDR, ABN WITH PIERCING PIN
TS54-BANA	TEST SET + TDR, 4 MM BANANA, EXTRA-LARGE ALLIGATOR CLIPS, TEST PROBE

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

FLUKE NETWORKS TS®52 PRO LCD TEST SET

The TS52 PRO Test Set features the latest in test set technology. Designed with a superior, radiant liquid crystal display (LCD) user interface, it allows you to see what cannot be heard in any outside plant environment. The back-lit LCD and glow-in-the-dark keypad brings light to even the darkest of work environments, providing perfect line diagnostic clarity. The TS52 PRO Test Set is also equipped with 2-way speakerphone and DataSafe™ Pro data protection technology featuring superior high-impedance monitoring, data lockout and lockout override, making you completely safe.

Please see table on right for full details.



PART NO.	DESCRIPTION
52801001	TS52 PRO TEST SET WITH PIERCING PIN CLIPS
52801004	TS52 PRO TEST SET WITH 346A PLUG
52801009	TS52 PRO TEST SET WITH ABN/PP CLIPS
52801R9	TS52 PRO TEST SET WITH ABN/PP AND RJ-11 PLUG

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

FLUKE NETWORKS TS®25D LCD TEST SET

The TS25D Test Set features data lockout and lockout override, making you completely safe in talk or monitor mode. The DSL/POTS filtering technology allows you to safely draw dial tone without downing DSL. A built-in analog tone generator simplifies wire identification with a probe. An amplified speaker makes monitoring the line hands-free, so you can keep working. The Talk Battery function provides voltage to carry voice conversation on non-powered pairs. Also includes Caller-ID and Call-waiting Caller-ID functions. All in a compact unit with an oversized, robust liquid crystal display (LCD) that makes the intuitive, common-sense menus easy-to-read and use.

Please see table on right for full details.



PART NO.	DESCRIPTION
25501109	TS25D TEST SET WITH ABN KIT
25501009	TS25D TEST SET WITH ABN
25501004	TS25D TEST SET WITH 346A PLUG

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

FLUKE NETWORKS TS®22 SERIES TEST SETS

The TS22 Series offers a unique built-in, one-way amplified speaker that provides three audio levels for hands-free listening and use with automated voice response systems. Multiple memories enable storage of nine 18-digit telephone numbers in repertory dialer (speed dialing) for easy access to test boards, the central office and other frequently called numbers. The last number redial feature eliminates the need to re-key your last entry. The TS22 test set offers an unbeatable combination of reliability, durability and expanded utility.

Please see table on right for full details.



PART NO.	DESCRIPTION
22801009	TS22A TEST SET WITH ABN
22801007	TS22A TEST SET WITH GROUND START CORD
22801004	TS22A TEST SET WITH 346A PLUG
22801001	TS22A TEST SET WITH PIERCING PIN CLIPS
22800009	TS22 TEST SET WITH ABN
22800007	TS22 TEST SET WITH GROUND START CORD
22800004	TS22 TEST SET WITH 346A PLUG
22800001	TS22 TEST SET WITH PIERCING PIN CLIPS

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

FLUKE NETWORKS TS®30 TEST SET

The TS30 Test Set features a rigid test set case design, at an affordable price. The ergonomic non-slip grip handle provides improved handling of the set in all weather conditions. Includes DataSafe™ operation so technicians can clip onto a line in monitor mode, without disrupting existing data traffic. Please see table on right for full details.



PART NO.	DESCRIPTION
30800009	TS30 TEST SET WITH ABN
30800001	TS30 TEST SET WITH PIERCING PIN CLIPS

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

FLUKE NETWORKS TS®19 TDR TEST SET

The Fluke Networks TS19 Test Set combines all the essential test set features at an affordable price.

This test set was specifically designed for in-house telecom technicians.

Its high impedance monitor prevents accidental disruption of service from clipping onto a data line while in monitor mode, thus ensuring the integrity of critical data lines.

Features such as tone (DTMF) or pulse operation, talk/monitor capabilities, polarity test button and last number redial make this test set the perfect combination of features and price.

Supplied with angled bed-of-nails connector.

Please see table on right for full details.



NEW!
Datasheet available online

PART NO.	DESCRIPTION
19800009	TS19 TEST SET WITH ABN
19800003	TS19 TEST SET WITH BANANA JACKS TO ALLIGATOR CLIPS

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

TELEPHONE TEST SET COMPARISON



	TS@54 TDR	TS@52 PRO	TS@22A	TS@22	TS@25D	TS@30	TS@19
TDR to detect shorts, opens, and distance to open	✓						
Built-in toner	✓						
Display—back lit LCD and glow-in-the-dark keypad	✓	✓			LCD only		
Extended range high-impedance DataSafe operation in monitor mode	✓	✓			✓		
High-impedance DataSafe operation in monitor mode	✓	✓	✓		✓	✓	✓
Data lockout protection	✓	✓			✓		
Data lockout override	✓	✓			✓		
DSL/POTS filtering technology	✓	✓			✓		
Low/high voltage indication	✓	✓			✓		
Low current (mA) indication	✓	✓			✓		
Over voltage protection	✓	✓	✓	✓	✓	✓	
Over current protection	✓	✓	✓	✓	✓	✓	
Two-way speakerphone for true hands-free conversations	✓	✓	✓				
One-way amplified speaker for hands-free monitoring	✓	✓	✓	✓	✓		
Audible ringer for callbacks	✓	✓	✓	✓	✓	✓	✓
Waterproof—exceeds American Military Spec. MIL-STD-810E	✓	✓					
RainSafe—safe in severe weather conditions	✓	✓	✓	✓		✓	
DropSafe—passes 20 foot (6 meter) drop test onto concrete	✓	✓	✓	✓		✓	
Tone and pulse operation	✓	✓	✓	✓	✓	✓	✓
Polarity indication in talk mode	✓	✓	✓	✓	✓	✓	✓
PBX pause button	✓	✓	✓	✓	✓		
Stores nine 18-digit numbers in repertory dialer (speed dialing)	✓	✓	✓	✓	✓		
Replaceable 9V battery for powering speaker	✓	✓	✓	✓	✓		

TEST EQUIPMENT

CORDSETS

Test cordsets available in three styles to allow connection of standard 4mm banana plugs to Krone®, BT and RJ11 connectors.

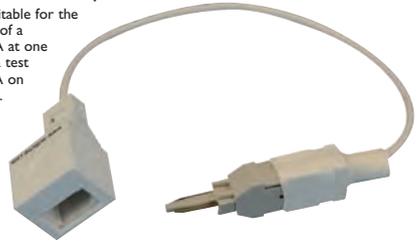


PART NO.	DESCRIPTION	PRICE
C00-5988	A) TEST CORD SET BT	6.45
C00-7902	B) TEST CORD SET RJ11	7.29
C00-7903	C) TEST CORD SET KRONE®	21.49

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)	6.47

6/10D 440A PLUG, 1 CROC CLIP, KRONETM STRIPS (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)	7.09

6/10D 440A PLUG, 1 CROC CLIP, KRONETM STRIPS (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)	10.02

CORDSET 6/10E 3 CROC CLIPS FOR GENERAL USE

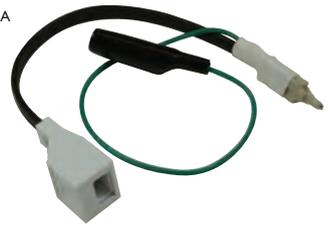
A Jack suitable for the insertion of Plug 631A on one end and three crocodile clips on the other. The third wire is for an earth connection, required for checking "Feature Calling" option.



PART NO.	DESCRIPTION	PRICE
C29-0548	CORDSET 6/10E	10.64

CORDSET 6/10K 2 POLE CORDSET

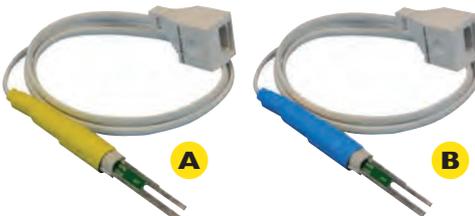
A Jack suitable for the insertion of a Plug 631A on one end and a test plug for use on low profile 10 pair Strip Connection 241B as used in Box Connections 201C.



PART NO.	DESCRIPTION	PRICE
C29-0549	CORDSET 6/10K (2 POLE)	10.34

CORDSET P 2 WAY FOR POUYET® STRIP

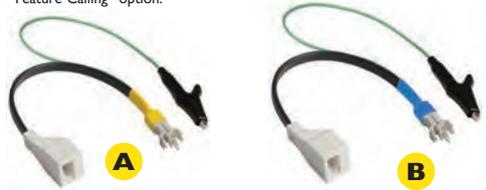
Test cords for use on Pouyet® 10 pair Strip Connections.



PART NO.	DESCRIPTION	PRICE
C29-0546	A) DISCONNECTION CORDSET P 2 POLE	7.59
C29-0545	B) MONITORING CORDSET P 4 POLE	7.59

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 SID2 POLE	9.64
C29-0550	B) MONITORING CORDSET SID 4 POLE	10.40

CORDSET URLS

Single pair lead for series 3 cabinet boxes.



PART NO.	DESCRIPTION	PRICE
C00-4182	URLS CORDSET	37.60

CORDSET RLS50



PART NO.	DESCRIPTION	PRICE
C29-0554	CORDSET RLS50	20.23

3M STYLE TEST CORDSET



PART NO.	DESCRIPTION	PRICE
C29-2874	3M STYLE CORDSET	14.31

CORD D94469

Test cord, open ended used on connection and disconnection modules, 2 pole single plug supplied on 1.5m.



PART NO.	DESCRIPTION	PRICE
S83-0808	CORD D94469	8.33

CORD D94470

Test cord used on connection and disconnection modules, 2 pole supplied with 2 plugs.



PART NO.	DESCRIPTION	PRICE
S83-0809	CORD D94470	15.45

CORD D94471

Test cord similar to D94469 but used on switching and disconnection modules, 4 pole.



PART NO.	DESCRIPTION	PRICE
S83-0810	CORD D94471	12.64

CORD D94473

Test cord similar to D94470 but used on switch and disconnection modules, 4 pole.



PART NO.	DESCRIPTION	PRICE
S83-0811	CORD D94473	30.33

CORD D95737

Test cord used on low profile switching and disconnection modules, 2 pole supplied with a single plug on 1.5 m cordage.



PART NO.	DESCRIPTION	PRICE
S83-0807	CORD D95737	7.00

TEST EQUIPMENT

CORD CONNECTING 4/8C

Used to test line & exchange equipment on Jacks Test 49. It has a Plug 510A at one end and 2 plugs.



PART NO.	DESCRIPTION	PRICE
S83-3186	CORD CONNECTING 4/8C	14.00

ADAPTOR TEST 15A

A test cord for use with BIX connectors with 4mm terminals.



PART NO.	DESCRIPTION	PRICE
S83-0705	ADAPTOR TEST 15A	26.36

ADAPTOR TEST 17A

This cord set is used on 3M modules, supplied with ring terminals.



PART NO.	DESCRIPTION	PRICE
S83-0704	ADAPTOR TEST 17A	34.92

ADAPTOR TEST 48A

Test adaptor for use on old types of block terminals.



PART NO.	DESCRIPTION	PRICE
S83-0706	ADAPTOR TEST 48A	19.83

ADAPTOR TEST 51A

Test adaptor for use on Boc Connections 18/19A.



PART NO.	DESCRIPTION	PRICE
S83-0703	ADAPTOR TEST 51A	12.92

ADAPTOR TEST 50A

Modular adaptor RJ45. Similar to model 3A but for RJ45 modular plugs.



PART NO.	DESCRIPTION	PRICE
C00-1574	MODULAR ADAPTOR RJ45	10.33

ADAPTOR TEST 3A

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 B.T. PLUG	5.29

CORDSET SA9083

Replacement cordset for use with the Tester SA9083.



PART NO.	DESCRIPTION	PRICE
C72-3535	SPARE TEST LEADS	19.09

LINE CORD 300A

Field replaceable serpentine test leads for Test Telephone.



PART NO.	DESCRIPTION	PRICE
S83-3659	LINE CORD 300A	14.80

B.T. PLUG MALE TO RJ11 FEMALE



PART NO.	DESCRIPTION	PRICE
T70-2509	RJ11 FEMALE X B.T. PLUG MALE	0.68

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	3.95

CLIP TEST 38A

A general purpose crocodile clip.



PART NO.	DESCRIPTION	PRICE
S83-0933	CLIP TEST 38A	0.36

DSTS2 BT LEAD

Replacement BT type lead for the DSTS2 Test Telephone.



PART NO.	DESCRIPTION	PRICE
C00-5884	DSTS2 BT LEAD	6.95

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	6.16

OUTRIGGERS

Wiring aids.



PART NO.	DESCRIPTION	PRICE
C00-3522	A) KRONE™ OUTRIGGER 25A	24.62
S83-2674	B) SID™ OUTRIGGER	31.63

ADSL ATTENUATOR



Provides attenuation of ADSL signals to simulate a long telephone line. Used to determine if impairments other than line loss are affecting the ADSL service.

PART NO.	DESCRIPTION	PRICE
S83-3661	20DB ADSL ATTENUATOR	10.05
S83-3662	40DB ADSL ATTENUATOR	11.72

TEST EQUIPMENT

TONE 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 a sturdy cordura twin pocket 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



PDF
Datasheet available online

PART NO.	DESCRIPTION	PRICE
C00-1205	CABLE TRACER KIT PTS	47.20
M99-1203	PP3 BATTERY PKT I	1.98

THE NEW 'NAUTILUS' SUPER RANGE TONE TRACER SET

Probably the most heavy duty tracer in the market today. Sealed to IP67 & designed to meet the needs of organisations operating large copper networks & committed to improving service delivery & reducing whole life costs.

N.B: Tone generator requires 4XAA Alkali batteries and Probe requires 1X PP3 9V battery.

The only fully waterproof Tone and Probe on the market.

British Telecom approved (Amp 109] & Oscillator 87]).



3 YEAR GUARANTEE



PDF
Datasheet available online

AS SUPPLIED TO BT

PART NO.	DESCRIPTION	PRICE
C00-3556	NAUTILUS TONE TRACER KIT	125.95
M99-1203	PP3 BATTERY PKT I	1.98
M99-6820	MNI1500 (HP7AA) BATTERY PKT 2	1.15

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



PART NO.	DESCRIPTION	PRICE
C00-4391	CATV CABLE TONE TEST KIT	133.20
M99-1203	PP3 BATTERY PKT I	1.98

CABLE TRACING KIT

Tone generator which offers a convenient choice between continuous or alternating tones & 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 & individual wires.

Supplied in sturdy nylon pouch. Requires 2 x PP3 9V batteries.



PDF
Datasheet available online

PART NO.	DESCRIPTION	PRICE
C00-1554	CABLE TRACING WALLET KIT	99.50
M99-1203	PP3 BATTERY PKT I	1.98

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.

- 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

PDF
Datasheet available online



PART NO.	DESCRIPTION	PRICE
C00-8935	LAN TONE AND PROBE KIT	141.40

SECURITY & ALARM TRACING KIT

- Traces Security and Alarm wiring for easy identification
- The choice of industry professionals
- Quickly confirms switch function
- Locate intermittent faults

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 variety 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.



PDF
Datasheet available online



PART NO.	DESCRIPTION	PRICE
C00-5055	SECURITY AND ALARM TRACING KIT	138.57
M99-1203	PP3 BATTERY PKT I	1.98

TESTER 132J KIT

Designed for tracing UG cable and pair ID.

Kit includes:

- Tone Generator 600j
- Amplifier 109K
- Headset Receiver 17A
- Probes (Inductive & Capacitive)
- Adaptor and Cable.

AS SUPPLIED TO BT



PART NO.	DESCRIPTION	PRICE
C00-1331	TESTER 132J KIT	284.68

A) RECEIVER HEADGEAR 17A

Lightweight & robust headset delivers audio signals from Amplifier 109K & 500j to the user. Used with Tester 132j.

B) HEADSET 7A

Active headset enables hands free operation for cable joiners when used with Field Telephone (Tapper) during cable change over.



PART NO.	DESCRIPTION	PRICE
C00-3663	A) RECEIVER HEADGEAR 17A	20.15
C00-3664	B) HEADSET 7A	36.48

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.



PART NO.	DESCRIPTION	PRICE
C00-3665	INDUCTIVE SEARCH COIL 3A	52.76

COAXIAL CONNECTING CORD

Connects the search coil/probe to the amplifier.

Quality RF connectors eliminate unwanted noise from reaching headset. Used with Tester 132j.



PART NO.	DESCRIPTION	PRICE
C00-3666	COAXIAL CONNECTING CORD	10.58

FLUKE NETWORKS PRO3000™ ANALOGUE TONE AND PROBE

Pro3000 Analogue Tone and Probe Kit tones and traces wire.

- Tone and trace wire on non-active networks
- SmartTone™ technology provides five distinct tones for exact pair identification
- Sends loud tone up to 10 miles (16 kilometers) on most cables
- Loud speaker on Probe makes the tone easier to hear through drywall, wood, and other enclosures
- Angled bed-of-nails clips allow easy access to individual pairs
- RJ-11 connector is ideal for use on telephone jacks
- Attach the nylon pouch (included in kit) to your belt for easy transport
- Lights for fast identification

Datasheet available online



PART NO.	DESCRIPTION
C00-8935	LAN TONE AND PROBE KIT

RING SALES FOR SPECIAL PRICES
OR VISIT millsitd.com

FLUKE NETWORKS INTELLITONE™ PRO 200 LAN TONER AND PROBE

The IntelliTone Pro 200 LAN Toner and Probe Series from Fluke Networks is the first network cable toner and probe to offer digital and analog signaling all in one tool. The IntelliTone Pro 200 LAN Toner and Probe Series from Fluke Networks gives you superior vision for locating cables hidden in floors, ceilings, walls, and in bundles. Its breakthrough digital technology makes it the first tool to tone and trace safely and effectively on active networks.

- Ends cable location confusion - decisively rejects noise and false signals
- Locates cables on active networks - even when terminated at a switch
- Isolates cable and wiring within a bundle despite cable bleed
- Confirms cable location, verifies continuity, and detects faults (opens, shorts, and reversed pairs) in one step

SmartTone® analogue toning technology:

- Isolates individual wire pairs precisely by changing tone when shorted
- Effectively traces and locates voice, audio, and video cabling

Datasheet available online



NEW!

PART NO.	DESCRIPTION
MT-8200-60-KIT	IPRO 200 LAN TONER AND PRO 200 PROBE
MT-8200-61-TNR	PRO 200 LAN TONER
MT-8200-63A	PRO 200 PROBE
MT-8202-05	HEAVY DUTY CASE
MT-8203-20	TEST LEADS WITH BED OF NAILS
MT-8203-22	TEST LEADS WITH BED OF NAILS

RING SALES FOR SPECIAL PRICES
OR VISIT millsitd.com

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.**



Datasheet available online



PART NO.	DESCRIPTION	PRICE
C72-3001	A) MULTIMETER SA9083	160.00
C72-3535	B) SPARE TEST LEADS	19.09
M99-1203	PP3 9 VOLT BATTERY	1.98

NG HARRIER BASIC RATE ISDN TESTER

The NG Harrier is a two part test system that overcomes the complexity associated with installing, commissioning and maintaining ISDN circuits.

The PC software component commands the hand held test instrument to comprehensively test an ISDN installation and store the results. The displayed information on the tests and how they relate to the ISDN service virtually eliminates the need for training.

The hand held unit can operate independently of the PC to allow quick verification of the U-interface, S/T-interface and the derived POTS interface.

- Hover Help system
- Active buttons
- Automatic testing scripts
- Automatic access detection
- Signal level measurement
- PC or hand held operation
- One key voltage and signal level measurement
- Measurement of round trip delay and inter-channel delay

Can be used in conjunction with a laptop (not included)



Datasheet available online



PART NO.	DESCRIPTION
C00-3617	NG HARRIER ISDN TESTER
C00-8930	S-BUS WIRING TESTER
C00-8931	PASSIVE MONITOR
C00-8932	NETWORK EMULATION (NE)
C00-8933	D CHANNEL ANALYSIS SOFTWARE
C00-8934	VEHICLE CHARGER

RING SALES FOR **SPECIAL PRICES** OR VISIT millstkd.com

A) LOW COST TESTER 430A

A basic, easy to use, tester that detects the presence of signals at 2 & 8 Mbits ports on DDF's. The presence of a signal is indicated by the illumination of an LED in the body of the tester.



B) TESTER 430B

Detects the presence of digital signals between 2 and 155 Mbits. 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	49.64
C00-7970	B) TESTER 430B	62.95

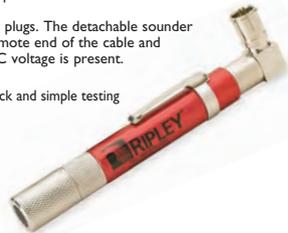
POCKET COAX TESTER

The pocket coaxial 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 18Volts DC).

The tester has a two part body. The main body has a push-on F-connector to allow fast connection and disconnection. A red LED indicates if a short circuit is present on the cable under test. An F-barrel adaptor converts the tester for testing F-type plugs. The detachable sounder can be connected to the remote end of the cable and generates a tone when a DC voltage is present.

- Tests coax cables
- Push-on connector for quick and simple testing
- Detachable sounder
- Pocket clip
- Battery included

Datasheet available online



PART NO.	DESCRIPTION	PRICE
C00-8780	POCKET COAX TESTER	12.83

TELSCOUT TS90 TDR CABLE TESTER FOR TELEPHONE APPLICATIONS

Designed specifically for telephone local loop applications, the TS90 applies the newest technology to provide both ease of use and telephony performance that cannot be found in any other TDR. The TS90 is designed for ease-of-use – you'll spend less time operating the TDR, and more time repairing faults. Simply select the cable type to be tested and the TS90 does the rest. Impedance, Vp, gain, pulse width, and vertical position are automatically selected and adjusted as you scan the cable. Just move the cursor to the fault to pinpoint its location.

On the performance side, the TS90 employs optimized pulsing and sampling, coupled with advanced filtering and signal processing techniques, to ensure the maximum measurement range. That way, you'll always have a clean waveform for easier fault interpretation.

The TS90 provides a 5 ns pulse width for close-in resolution. Faults as near as 3 ft. from the pedestal can be located with ease.



Datasheet available online

PART NO.	DESCRIPTION
C00-1327	TELSCOUT TS90 TDR CABLE TESTER

RING SALES FOR **SPECIAL PRICES** OR VISIT millstkd.com

TEST EQUIPMENT



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



Datasheet available online

PART NO.	DESCRIPTION	PRICE
C00-1338	FAULTCASTER - TDR	223.08

MILLS FAULTCASTER PLUS

Digital TDR Cable Length Meter & Fault Locator

- Low cost full specification Professional Digital TDR
- Measures distance to open or short circuit faults
- Remote unit tests connectivity at far end
- 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 Generator for Pair Tracing and Identification
- Rugged & Compact – 350g (12oz) Water and Dust Proof to IP54
- Complete with tool-belt holster and test leads



Datasheet available online

PART NO.	DESCRIPTION	PRICE
C00-8440	FAULTCASTER PLUS™ TDR	253.33

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



Datasheet available online

PART NO.	DESCRIPTION	PRICE
C00-8125	TX2002 CABLE FAULT LOCATOR/TDR	384.62

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
- Rugged palm-top design
- Weighs less than 350g (12oz)
- 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!



Datasheet available online

PART NO.	DESCRIPTION	PRICE
C00-1340	TX6000 CABLE FAULT LOCATOR/TDR	653.85

TX2003 TDR - TIME DOMAIN REFLECTOMETER AND TONER CABLE FAULT LOCATION

The TX2003, 6k (19,000ft) range Time Domain Reflectometer weighing only 350 grams (13oz) fits neatly into the hand. With its 128x64 pixel backlight, scratch resistant display, provides accurate and easy to read fault locations on metallic cables. With a 3 nano second pulse, rise time "near end" cable faults can be clearly identified without the need to suppress the transmitted pulse. Housed in a rugged IP54 rated ABS enclosure, the TX2003 is suitable for outside use.

Using pre determined gain and pulse widths for each range setting and with only 4 control buttons, all major operating and setting parameters can be easily accessed. A 6km cable run can be scanned in seconds, allowing the operator a view of the cable run, yet arriving quickly to the fault. By using the TX2003 scan lock facility, the cable can be continually scanned or the trace held for closer analysis. To enable the TX2003 to test all metallic cables, four user selectable output impedances are provided 25, 50, 75 & 100 ohms.

Faulty cables may be traced using the TX2003 warble tone feature - an oscillating tone is injected into the suspect power or transmission line and by using a commercially available tone tracing probe, the suspect line can be identified.

- 6 km (19,000ft)
- 0.5mtr Dead Zone
- Selectable Cable Impedance
- Warble Tone Generator
- Rapid Fault Location
- Large 128x64 LCD with Backlight
- Scratch Resistant Display
- Scan Lock
- Environmental Protection IP54
- CE Approved
- 3yrs Manufacturers Warranty
- 60 Hours Battery Life
- Includes Soft bag & Test Leads



Datasheet available online

PART NO.	DESCRIPTION	PRICE
C00-8126	TX2003 CABLE FAULT LOCATOR/TDR	497.00

TEST EQUIPMENT

FLUKE NETWORKS POCKET TONER®

The Pocket Toner® connects to any voice, data, or video cable to detect open/short circuits, continuity, AC/DC voltage® and dial tone® all while protecting up to 52 volts. All of the Pocket Toners have dual audible indicators in the main body and detachable buzzer toner units, removable push on connectors, auto shut-off and easy-to-read indicators.

- Low-voltage circuit protection for both the unit and the detachable toner
- Dual audible indicators in the main body and detachable buzzer toner units
- Auto shut-off
- Easy-to-read indicators; removable push-on connectors
- Male and female adaptable toner section
- Lightweight, durable anodized aluminum body

 Datasheet available online

FLUKE
networks



Model	Description
PTNX1	Identify and test low-voltage, singular coax cables for continuity, opens/shorts and 50-75 Ω termination. Low-voltage protection up to 52 volts. Kit includes NX1 unit, toner, F-type (M-push, Speed 81™) adapters and 1 x AAA battery
PTNX2	All the features of the NX1 plus AC/DC voltage detection- all in an easy-to-read LCD. Kit includes NX2 unit, toner, F-type (M-push, Speed 81) adapters and 1 x AAA battery
PTNX2-DLX	All the NX2 features. Kit includes NX2 unit, toner, 66 block adapter, RJ-11 adapter, RJ-45 adapter, Dial Tone Detective™, alligator clips with RJ-45 adapter, F-type (F, 9-M-push, M-71, Speed 81) adapters, RCA (M, F) adapters, BNC (M, F) adapters, 1 x AAA battery and deluxe case with belt clip
PTNX2-CABLE	All the NX2 features. Kit includes NX2 unit, toner, alligator clips adapter, F-type (F, M-push, M-71, Speed 81) adapters, 1 x AAA battery and small canvas case
PTNX8	All the features of the NX1 and NX2 plus the ability to test up to 8 cables at once. NX8 unit, toner, F-type (M-push, Speed 81) adapters, 1 x AAA battery and deluxe case with belt clip
PTNX8-CABLE	All the NX8 features. Kit includes NX8 unit, toner, 8 ID caps, alligator clips, F-type (F, 9-M-push, M-71, Speed 81) adapters, 1 x AAA battery and deluxe case with belt clip
PTNX8-CT	All the NX8 features. Kit includes NX8 unit, toner, 8 ID caps, 66 block adapter, RJ-11 adapter, Dial Tone Detective, alligator clips with RJ-11 adapter, F-type (F, 9-M-push, M-71, Speed 81) adapters, 1 x AAA battery and deluxe case with belt clip
PTNX8-DLX	All the NX8 features. Kit includes NX8 unit, toner, 8 ID caps, 66 block adapter, RJ-11 adapter, RJ-45 adapter, Dial Tone Detective, alligator clips with RJ-45 adapter, F-type (F, 9-M-push, M-71, Speed 81) adapters, RCA (M, F) adapters, BNC (M, F) adapters, 1 x AAA battery and deluxe case with belt clip
PTNX8-VV-PRO	All the NX8 features. Kit includes NX8 unit, toner, 8 ID caps, 66 block adapter, 8-RJ-11 adapters, RJ-45 adapter, Dial Tone Detective, alligator clips w/ RJ-11 adapter and RJ-45 adapter, F-type (F, 9-M-push, M-71, Speed 81) adapters, RCA (M, F) adapters, BNC (M, F) adapters, 1 x AAA battery and deluxe case with belt clip
ADAP-PTNX-KIT	Alligator clips and RJ-45 adapter, alligator clips and RJ-11 adapter, Dial Tone Detective, RJ-11 adapter, 66 block adapter, RJ-45 adapter, F-type (F, M-Push, M-71, Speed 81) connectors, RCA (M, F) connectors, BNC (M, F) connectors and 2-wire clip adapter
CASE-PTNX-SM	Small case
CASE-PTNX-LG	Large case
PTNX8-ID-1-8	8-ID caps
ADAP-PTNX-RJ11	8 RJ-11 adapters
ADAP-PTNX-RJ45	8 RJ-45 adapters
ADAP-PTNX-TNR	1 Toner

*Varies by model/kit configuration



Cable Professional



Satellite



Audio & Video



LAN



Voice



Security & Fire



Cable & Telephone

TEST EQUIPMENT

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsd.com



FLUKE NETWORKS TS[®]90/TS[®]100 CABLE FAULT FINDER

Fluke Networks' cable fault finders are easy-to-use, three-in-one testers: a fault locator, a cable inventory manager and a toner with SmartTone[®] technology. Easily find the distance to opens or shorts on electrical wire, telephone wire, security wire and coax. Displays distance reading rather than waveform.

- TS90 works on any two or more conductor cables up to 2,500 feet
- TS100 works on any two or more conductor cables up to 3,000 feet (metric unit also available)
- Instantly measures distance to open or short from one end of any cable pair
- Patented SmartTone[®] tone generator positively identifies pair
- Measures cable distance on spool
- Measures constantly while "on"



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsltd.com

Model	Description
26500000	TS100 Cable Fault Finder, BNC alligator clip
26500090	TS90 cable fault finder with BNC to alligator clips
26501100	TS90/TS100 line cord, BNC to alligator clip
26501160	TS90/TS100 pouch with belt clip
26501700	TS90/TS100 line cord, BNC to banana to ABN

FLUKE NETWORKS TS[®]100 PRO CABLE FAULT FINDER

Invest in the right tool for all your technicians. The new TS100 PRO Cable Fault Finder with PowerBT[™] Bridge Tap Detect is a telecom technician's first line of defense against bridge taps on a subscriber's line. Because a bridge tap is a significant source of DSL network performance problems due to unwanted signal reflectance, it needs to be identified and fixed quickly before the problem causes customer attrition. The TS100 PRO can accurately locate multiple bridge taps in seconds on up to 3,200 feet of cable with the touch of a button.

- Bridge tap detection for xDSL pre-qualification on up to 3,200 feet (975 meters)
- Tests opens and shorts up to 8,000 feet (2.4 kilometers)
- Sees past bridge taps to the end of the cable
- Patented SmartTone[®] tone generator with five different tones for exact pair identification
- Built-in TDR and toner
- AC/DC voltage detection and digital read out



Model	Description
TS100-PRO-BT-TDR	TS100 PRO Cable Fault Finder TDR Kit with Bridge Tap Detect
LEAD-ABNP-100	Test lead with angled-bed-of-nails and piercing pin. Compatible with the TS100 and TS100 PRO
CASE-TS100	TS100/TS100PRO pouch with Fluke Networks' logo
LEAD-ALIG-100	Test lead with alligator clips. Compatible with the TS100 and TS100 PRO
LEAD-ABN-100	Test lead with angled-bed-of-nails. Compatible with the TS100 and TS100 PRO



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsltd.com

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 at 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.



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
C00-2000	A) MILLS STRUCTURED CABLE TESTER	75.45
C00-5816	B) LOW COST CABLE TESTER	10.38

PART NO.	DESCRIPTION	PRICE
C00-8161	LANCASTER™ 1000 CABLE CERTIFIER	292.31
C00-8162	LANCASTER™ 1000 ADDITIONAL REMOTE	33.85

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-way 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).

PART NO.	DESCRIPTION	PRICE
C00-1330	NETCAT® MICRO WIRING TESTER	86.42

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).



PART NO.	DESCRIPTION	PRICE
C00-1328	NETCAT PRO 2 TROUBLESHOOTER	216.30
C00-1329	NETCAT PRO 2 KIT C/W CASE	255.00

MICROMAPPER™

Simple verification tester verifies wiremap and identifies faults with LEDs.

- Testing of twisted pair cables for open circuits, shorts, crossed pairs, reversed pairs and split pairs
- Easy-to-read fault display
- Tone generator for tracing installed cables hidden in walls, floors and ceilings
- Remote unit enables one-person testing of installed cables



Model	Description
MT-8200-49A	MicroMapper and MicroMapper Remote, patch cable, 6-volt alkaline battery and user guide

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

MICROSCANNER2 CABLE VERIFIER

Next generation MicroScanner streamlines voice/data/video cable and service testing. The user interface makes testing fast, easy, and crystal clear. Everything cable technicians need to know, including available services (10/100/1000 Ethernet, POTS, PoE voltage), cable length, wiremap, cable ID, and distance to fault all are displayed on one oversized backlit screen. Replace multiple tools by testing all RJ-11, RJ-45, and coax (F) media with no adapters. Built-in IntelliTone™ digital and analog toning precisely locates virtually any cable or wire pair – even on active networks. Ergonomic design features sleek rubber over mold to enhance grip and ruggedness. Includes carry case.

- Displays cable length, wiremap, cable ID, and distance to fault on one screen
- Detects today's media services, including 10/100/1000 Ethernet, POTS, and PoE
- Locates virtually any cable or wire pair with IntelliTone digital and analog toning



Model	Description
MS2-100	MicroScanner2 Cable Verifier
MS2-KIT	MicroScanner2 Professional Kit - includes MicroScanner2 Cable Verifier, Remote ID #s 2-7, IntelliTone Pro 200 Probe, bare wire adapter, coax cable, two shielded RJ-45 cables, two RJ-11 cables and a deluxe carry case
MS2-TTK	MicroScanner2 Termination Test Kit - includes MicroScanner2 Cable Verifier, IS60 Pro Tool Kit, IntelliTone Pro 200 Probe, RJ-11 and RJ-45 patch cables, lanyard, owners CD and quick start guide, 9 volt battery and a deluxe carry case
MS2-FTK	Copper and Fibre Basic Technician's Kit - includes the MicroScanner (MS2-100) and SimpliFiber Pro (FTK1000) Fiber Test Kit
MS2-IDK27	MicroScanner2 Remote ID Kit #s 2-7
CLIP-SET	Clip Set - includes RJ-45 to 8-clip test lead
MT-8200-63A	IntelliTone Pro 200 Probe
MS2-WM	MicroScanner2 Main Wiremap Adapter
MS2-CPK	MicroScanner2 Professional Kit Carry Case



RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com

TEST EQUIPMENT



FLUKE NETWORKS CABLEIQ™ QUALIFICATION TESTER

CableIQ network cable qualification test tool is designed for network technicians who need to troubleshoot connectivity problems and qualify cabling bandwidth. It detects speed and duplex settings of attached switches and PCs. Intelligent wiremap graphically shows distance to faults (e.g.: pin 1 break at 37 ft). Lightweight, rugged, reliable unit tests all copper cabling. Its ease and power helps you close trouble tickets faster and ensure smooth upgrades to higher network speeds.

- Sees if your existing cabling can support voice, VoIP, 10/100/Gigabit Ethernet
- Troubleshoots why existing cabling plant can't support the desired network bandwidth
- Discovers what's at the end of any cable and displays device configuration (speed/duplex/pairing)
- Frees up switch ports and identifies unused links
- Graphically maps wiring configuration and shows distance to faults, graphical wire mapping, opens, and shorts.
- Locates and traces cable with IntelliTone™ digital signaling technology

Model	Description
CIQ-100	CableIQ with remote adapter, soft carrying case and four AA batteries
CIQ-KIT	CableIQ main unit, eight remote adapters, Reporter software, IntelliTone 200 Digital Probe, (2) RJ45-RJ45 patch cords, USB cable, coax 'F' push-on adapter, 75-ohm coax patch cord, RJ45/11 universal coupler, RJ11-RJ11 patch cord, four AA batteries, and hard carry case
CIQ-KRQ	CableIQ, RJ-45 patch cord (2), RJ-11 patch cord (2), bare wire adapter, speaker wire adapter, coax cable, coax BNC adapter, coax RCA adapter, "Qualified" labels (50) and a soft carrying case
CIQ-FTKSFP	Copper and Fibre Technician's Kit—includes the CableIQ (CIQ-KIT) and SimpliFiber Pro (FTK1000) Fibre Test Kit. See Photo

ACCESSORIES

Model	Description
CIQ-CIT	CableIQ IT hard carrying case
CIQ-COAX	CableIQ Coax Adapter Kit—includes F-connector, BNC and RCA connectors
CIQ-IDK24	CableIQ Remote Identifier Kit—includes remote identifier numbers 2-4
CIQ-IDK57	CableIQ Remote Identifier Kit—includes remote identifier numbers 5-7
CIQ-RJA	RJ-45/11 modular adapter
CIQ-SPKR	CableIQ speaker wire adapter
CIQ-WM	CableIQ main wiremap adapter (replacement part for lost or damaged unit)
CLIP-SET	Clip Set – includes RJ-45-to-8-clip test lead



CableIQ Advanced IT Kit

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsitd.com

FLUKE
networks

FLUKE networks. VERSIV™



Versiv™ Cable Certification System

Versiv users report spending 1/3 the time on testing and reporting, cutting the total cost of a job by 10%.

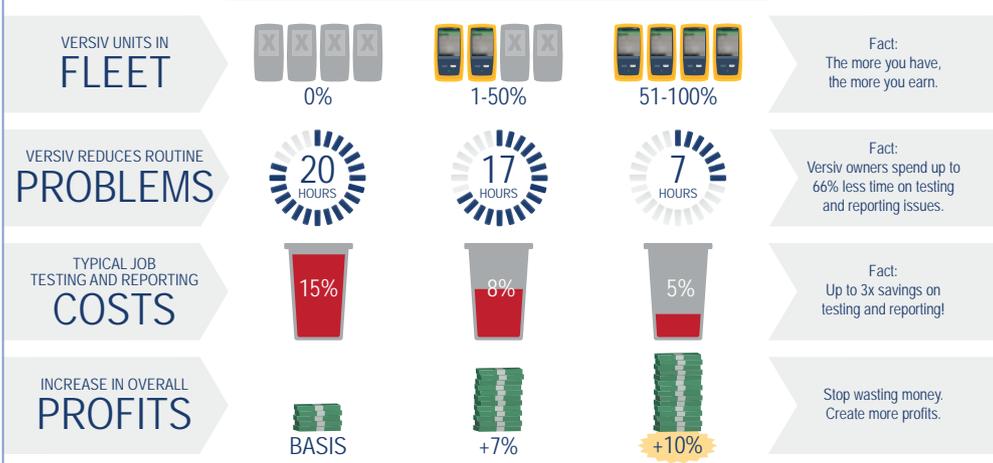
Certifying a cable is one part of a process that starts with design of a structured cabling system and ends with systems acceptance. The faster that process goes, the more profitable you'll be. Unfortunately, there are a lot of things that slow the process down – testing to the wrong limits, waiting for lead technicians to set up or troubleshoot, and discovering that you have incomplete results after your team has left the construction site.

Research shows that over 90% of contractors report dealing with issues related to set-up, testing, and reporting every month. It adds up to a week of wasted labour on a typical 1,000 drop job.

Versiv is designed to eradicate these problems. Its ProjX™ System manages job requirements and progress from setup to systems acceptance, making sure all tests are completed correctly. The Taptive™ User Interface simplifies set up, eliminates errors and speeds troubleshooting. The LinkWare™ Live cloud service gives you visibility and control of the whole process: you can set up and track your testers and inspect results from any mobile device while the job is in process. It even lets you upload and integrate results from multiple testers at multiple jobsites so you can quickly generate reports with the de-facto industry standard LinkWare PC.

Eliminate the problems, get jobs done faster, and make money every time you use Versiv.

Versiv™ Saves You Money.*



* Data based on survey of 219 contractors. During the survey period contractors reported installing 479,000 copper and fiber links.

TEST EQUIPMENT



FLUKE NETWORKS DSX-5000 CABLEANALYZER™

The DSX-5000 CableAnalyzer improves the efficiency of copper certification with unmatched speed for testing Cat 6A and Class FA while meeting IEC Level V—the most stringent accuracy requirement.

The ProjX Management System ensures jobs are done correctly the first time and helps track progress from set-up to systems acceptance. Taptive user interface troubleshoots faults faster by graphically indicating the source of failures including crosstalk, return loss, and shield faults. Analyze test results and create professional test reports using LinkWare™ Cable Test Management Software.

Fluke Networks' DSX-5000 CableAnalyzer is Intertek (ETL) Verified in accordance with the IEC 61935-1 specifications for accuracy Level IIIe, IV, and Level V, and in accordance with the ANSI/TIA-1152 specifications for Level IIIe.

- Versiv™ modular design supports copper certification, fibre loss, and OTDR testing
- Taptive™ user interface simplifies set-up, and eliminates errors
- Manage and track testers, setups and results, and generate reports with LinkWare PC and Linkware Live
- Endorsed by more than 28 cabling manufacturers worldwide
- Alien Crosstalk testing capability included



Model	Description
DSX-5000-INTL	DSX-5000 CableAnalyzer Kit for Copper Cabling Certification
DSX-5000-INTL-GLD	Kit bundled with 1 year of Gold Support coverage
DSX-5000-PRO-INTL	Versiv Professional Kit contains the DSX CableAnalyzer, CertiFiber Pro, OptiFiber Pro, Fiber Inspection and a full complement of product accessories.*
DSX-5000-PRO-INTL-GLD	DSX-5000-PRO with 1 year Gold Support coverage
DSX-5000QI-INTL	DSX-5000 CableAnalyzer with CertiFiber Pro Quad OLTS Modules, and USBVideo Inspection Probe for Copper and Fibre Loss certification
DSX-5000QI-INTL-GLD	Kit bundled with 1 year of Gold Support coverage
DSX-5000QOI-INTL	DSX-5000 CableAnalyzer with CertiFiber Pro Quad OLTS modules, OptiFiber Pro Quad OTDR module and USB Fiber Inspection Video Probe for Copper, Fibre Loss, and OTDR certification
DSX-5000QOI-INTL-GLD	Kit bundled with 1 year of Gold Support coverage
DSX-5000MI-INTL	DSX-5000 CableAnalyzer CertiFiber Pro Multimode MM OLTS Modules and USBVideo Inspection Probe for Copper and Multimode Fibre Loss certification
DSX-5000MI-INTL-GLD	Kit bundled with 1 year of Gold Support coverage
DSX-ADD-R	1 Versiv Remote, (2) DSX-5000 CableAnalyzer Modules, and accessories to add DSX-5000 CableAnalyzer capability to an existing OptiFiber Pro
DSX-CFP-Q-ADD-R	1 Versiv Remote, (2) DSX-5000 CableAnalyzer modules, (2) CertiFiber Pro Quad OLTS Modules, and accessories to add DSX-5000 CableAnalyzer and CertiFiber Pro capability to an existing OptiFiber Pro OTDR
DSX-ADD	(2) DSX-5000 CableAnalyzer Modules, and accessories to add DSX-5000 capability to an existing CertiFiber Pro OLTS

TEST EQUIPMENT

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsitd.com



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



FLUKE NETWORKS DSX-8000 CABLEANALYZER™ THE WORLD'S FIRST CERTIFIED CATEGORY 8 FIELD TESTER

The DSX-8000 CableAnalyzer is the first field tester independently certified and endorsed to meet all the requirements for the Category 8 field testing standard. The DSX-8000 is the latest addition to the Versiv™ Cable Certification Family, continuing the Fluke Networks tradition of designing products to help data communications installers more quickly, accurately and profitably achieve system acceptance for copper and fibre jobs. The Fluke Networks DSX-8000 CableAnalyzer has been confirmed by Intertek to meet the ANSI/TIA-1152-A Level 2G requirements for measurement accuracy.

With the launch of a field tester, designers and installers now have the tools they need to deploy Cat 8 in support of 25 and 40 gigabit Ethernet networks.

Features:

- The first Permanent Link and Channel adapters with a full 2 GHz range, allowing field certification of TIA Cat 5 through 8 and ISO/IEC Class C through FA and I/II
- The first tester to be endorsed by Cat 8 cabling manufacturers. One of the main reasons for certifying installed cabling is to obtain a manufacturer's warranty. Without their endorsement, the certification is of no use for this purpose.
- Manage and track testers, setups and results, and generate reports with LinkWare PC and Linkware Live
- The first tester independently verified to meet the ANSI/TIA-1152-A Level 2G requirements for measurement accuracy required for Cat 8 testers.
- The first tester (along with the DSX-5000) to test screen continuity along the path of the cabling as required for Level 2G testers



Model	Description
DSX-8000-W	1 Versiv Mainframe & Remote, (2) DSX-8000 CableAnalyzer Modules, Set of Cat 8/Class I Permanent Link Adapters, Set of Cat 8/Class I Channel Adapters, (2) Headsets, (2) HandStrap, (2) Shoulder Straps, Carry Case, USB Interface Cable, Versiv Open Source Software CD, (2) AC Chargers, (2) Universal Couplers, (2) AxTalk Terminators, WiFi Adapter, Statement of Calibration and Getting Started Guide.
DSX-8000-W-INT-GLD	DSX-8000-W with 1 year Gold Support
DSX-8000	Same configuration as the DSX-8000-W without the WiFi adapter

RING SALES FOR
SPECIAL PRICES
OR VISIT
millsltd.com



FLUKE
networks

Buy Gold. Make your investment count

Protect Your Investment and Minimize Business Downtime with Gold Membership

Gold Membership is much more than just a repair warranty. It is a comprehensive maintenance and support programme that offers expanded coverage for Fluke Networks' products and accessories. It provides a premium level of support to minimize business downtime and ensure a high return on your investment.

3-Year Gold Membership provides a 10% discount off current Gold pricing along with 3-year price protection. On average customers can save up to 19% over 3-years by taking advantage of the 3-year Gold Membership option. Gold Membership is available for most Fluke Networks products in 1-year or 3-year (save 10% with 3-year) contracts.

What's Included with Gold Membership?

Benefits	Gold Member	Non-Gold Member
Live Technical Support with exclusive phone numbers	✓	
FREE Repair with "first on bench" turnaround service	✓	
FREE Accessory Replacements**	✓	
FREE Annual Calibration	✓	
Member Only Promotions	✓	
Access to Technical Support	Web, Email and Phone	Web and Email
Response time from Technical Support	<2 Hours	<24 Hours
Customer Support—Phone and Email	24x7x365	7am-5pm
Primary Case Handling	Technical Support Engineer	Customer Service Agent

SAVE 10%
3
YEAR
Gold Support
+ Price Protection



MT645 WALKIE TALKIE PACK

Cobra MT645 Walkie Talkie Pack with rechargeable batteries and Micro-USB cable.

- Ultra-clear up to 8KM range
- 8 different channels
- Battery saver mode
- VOX Supported radios
- Scan either channels, CTCSS privacy codes within a channel, or DCS codes within a channel to locate conversations in progress
- Call alert with 5 selectable tones and roger beep Tone
- Includes Micro-USB charging cable for charging from a laptop (not included) or smartphone chargers (not included)
- Fitted with 6 x rechargeable batteries.



Datasheet available online

NO RENTAL! NO LICENCE! NO CALL CHARGES!

PART NO.	DESCRIPTION	PRICE
C00-8329	MT645 WALKIE TALKIE PACK	43.00

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 kPa 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.



PART NO.	DESCRIPTION	PRICE
S83-2668	MANOMETER IC	550.00

'CAT & GENNY'

The Tomkat-S Cable Locator is used to assist in the location of buried pipes and cables to a depth of 3 meters and offers three modes of location.

The SigenDT works in conjunction with the Tomkat-S Cable Locator. There are two ways in which the SigenDT operates the first is by applying a signal by induction, the second is by direct connection.



PART NO.	DESCRIPTION
C00-4877	CAT CABLE AVOIDANCE TOOL
C00-4878	GENNY

RING SALES FOR **SPECIAL PRICES** OR VISIT millsitd.com

REFURBISHED MK1/MK2 'CAT & GENNY'

Fully reconditioned Cat & Genny supplied with 1 year calibration certificate and warranty.



PART NO.	DESCRIPTION
S83-3785	REFURBISHED CAT MK1/MK2
S83-3786	REFURBISHED GENNY MK1/MK2

RING SALES FOR **SPECIAL PRICES** OR VISIT millsitd.com

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	346.67

MIGHTY MOUSE ADAPTORS

Adaptors to join the Mighty Mouse to Rods Duct I. Available as standard adaptor or spring assisted for flexibility.



PART NO.	DESCRIPTION	PRICE
S83-2670	MIGHTY MOUSE SONDE ADAPTOR ROD DUCT I	34.67
S83-2671	MIGHTY MOUSE SONDE ADAPTOR ROD DUCT I SPRING LOADED	80.39

AUTORANGING MULTIMETER

The Martindale MM39 multimeter is autoranging and features a large rotary knob for easy selection of the required test, even when wearing gloves.

There are two additional buttons, one to lock the range and the other to hold the result on the display. The multimeter functions include DC Volts, AC Volts, AC Amps, Ohms, Continuity with Audible Indication and Diode Test.

Each MM39 multimeter is supplied with standard test leads, batteries, protective rubber holster and instruction manual.

- AC Voltage: 0.1mV to 600V (5 ranges), 50Hz - 500Hz
- DC Voltage: 0.1mV to 600V (5 ranges)
- AC Current: 0.01A to 10A, 50Hz to 500Hz
- DC Current: 0.01A - 10A
- Resistance: 0.1Ω to 20MΩ (6 ranges)
- Continuity Buzz at <25Ω

General Specifications

- 3 1/2 digit LCD display
- Auto polarity & zero
- Data hold
- Diode test
- Overvoltage: CAT III 600V
- Dimensions: 143 x 68 x 47mm
- Weight: 315g approx



Datasheet available online

MARTINDALE ELECTRIC

PART NO.	DESCRIPTION	PRICE
C72-4474	AUTORANGING MULTIMETER	33.33
C70-4295	SOFT CASE (FOR ABOVE)	11.98
C46-1075	GS38 SAFETY TEST LEADS	22.38
C00-0000	STANDARD CALIBRATION	26.67

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.



Datasheet available online

MARTINDALE ELECTRIC

PART NO.	DESCRIPTION	PRICE
C72-3625	HANDYPAT 500	358.65
C50-7842	SMALL LABEL PAPER 30X20MM ROLL 500	11.39
C50-7843	PASS LABEL PAPER 60X30MM ROLL 500	11.79
C50-7844	PASS LABEL POLYESTER 50X25MM ROLL 500	23.57
C50-7845	FAIL LABEL PAPER 60X30MM ROLL 100	4.29

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 4 1/2 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.

This meter comprises -

- 4 1/2 digit LCD display
- AC V : 0.1mV - 750V True RMS
- AC A : 0.01A - 10A True RMS
- DC V : 0.1mV - 1000V
- DC A : 0.01A - 10A
- Ohms: 0.1Ω - 220MΩ
- Continuity: Buzz at <100Ω
- Diode Test
- Frequency: 0.01Hz - 22MHz
- Dimensions: 165mm (H) x 78mm (W) x 42.5mm (D)
- Weight: 285g
- Includes: Test leads, magnetic strap, battery, spare fuse and user manual

IEC 1010 CAT III

MARTINDALE ELECTRIC

Datasheet available online



PART NO.	DESCRIPTION	PRICE
C72-7702	TRUE RMS DIGITAL MULTIMETER	121.33
C70-4295	SOFT CASE (FOR ABOVE)	11.98
C46-1075	GS38 SAFETY TEST LEADS	22.38
C00-0001	STANDARD CALIBRATION	40.90

GREENLEE DM-810A MULTIMETER

True RMS, autoranging, digital hand held meter with a 3 -5/6 digit, 5000 count, liquid crystal backlit display with bar graph. Meter comes complete with carry case and GS38 test leads, including probes, fused at 10A.

- Voltage Measurement: 60mV to 1000V AC/DC
- Amperage Measurement: 600mA to 10A AC/DC
- Resistance: 600Ω to 60MΩ
- Frequency (Hz): 40 ~ 500
- Measurement Category: Cat IV 1000V
- Auto and manual ranging
- True RMS
- High visibility 10000 count LCD dual digital display
- Beep-Jack™ audible and visible warning to guard against improper A and mA terminal plug in
- Capacitance measurement capability
- Intelligent auto-power off, display backlight, analogue bar graph
- PC interface capability using optional USB RS-232 cable with data recording PC software



GREENLEE
COMMERCIAL EQUIPMENT
A Vector Group

COMMERCIAL EQUIVALENT TO BT "METER MULTIFUNCTION 1B"

PART NO.	DESCRIPTION	PRICE
C00-3671	GREENLEE DM-810A MULTIMETER	144.91

EARTH LEAKAGE CLAMP METER WITH POWER FUNCTIONS

The MD 9240 is a high-quality and extremely easy to handle power clamp meter. The current clamp enables TRMS AC current measurement up to 1000 A, single-phase power analysis, DC, AC voltage measurement, temperature measurement and more.

Test functions

- DC and TRMS AC voltage up to 600 V
- TRMS AC current measurement up to 1000 A
- Resistance measurement
- Continuity test
- Frequency measurement
- Contact temperature measurement
- Power factor
- Power (W, VA, Var)

Includes

- Current clamp MD 9240
- Test lead with probe, 2 pcs
- Temperature probe, type K
- 1.5 V battery, type AAA, 2 pcs
- Pouch
- Instruction manual
- Warranty



NEW!



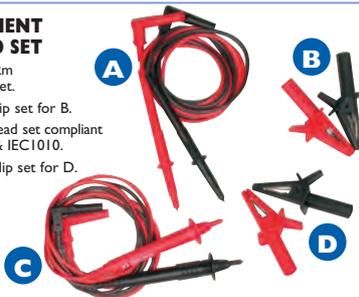
Dimensions (w x h x l): 78 x 40 x 224 mm.
Mass (without accessories): 224g.

RING SALES FOR SPECIAL PRICES
OR VISIT millsltd.com

PART NO.	DESCRIPTION
C72-5885	EARTH LEAKAGE CLAMP METER

REPLACEMENT TEST LEAD SET

- A) Standard 1.2m fixed prod set.
- B) Crocodile clip set for B.
- C) Fused test lead set compliant with GS38 & IEC1010.
- D) Crocodile clip set for D.



PART NO.	DESCRIPTION	PRICE
C46-1071	A) STANDARD 1.2M FIXED PROD SET	5.85
C46-1072	B) CROCODILE CLIP SET	7.48
C46-1075	C) FUSED TEST LEAD SET GS38	22.38
C46-1076	D) CROCODILE CLIP SET	11.15

SAFETY VOLTAGE INDICATOR

GS38 compliant contact voltage indicator rapidly and safely checks for AC and DC voltages from 50V to 600V. Bright neon indicators give clear and immediate display of voltage level range.



Datasheet available online



PART NO.	DESCRIPTION	PRICE
C50-7828	SAFETY VOLTAGE INDICATOR	44.67

TRUE RMS 1500A AC/DC CLAMP METER



The CM87 is a high specification True RMS clamp meter, packed full of functions for the installation, testing and maintenance of domestic and industrial installations. This robust clamp meter provides True RMS measurement of AC current up to 1500A and AC voltage to 750V. It will also measure DC current to 2000A and DC voltage to 1000V.

The meter comprises -

- Large size clamp meter
- True RMS technology ensures accuracy on irregular waveforms
- Tests AC current to 1500A and DC current to 2000A
- AC voltage to 750V and DC current to 1000V
- Resistance levels to 66MΩ
- Capacitance to 6.6mF
- Frequency to 1MHz
- Duty cycle from 5 to 95%
- Temperature measurement up to 1000°C
- Diode test & 660Ω continuity test
- 6600 count LCD display with bargraph
- CAT IV 600V and CAT III 1000V rated (or CAT II 1000V rated with probe tip caps removed)
- Includes test leads, thermocouple, case, battery and user manual

NEW!



Datasheet available online

PART NO.	DESCRIPTION	PRICE
C72-4991	TRUE RMS CLAMP METER	236.79
C00-0006	STANDARD CALIBRATION	36.56

A) NON-CONTACT VOLTAGE DETECTOR

A pocket sized AC line voltage detector. Easy to use – just touch the tip to an outlet or wire and a bright LED and audible alarm indicate the presence of AC voltage up to 1000V.

- Detects 50-1000V AC
- Convenient pen-style fits in shirt pocket
- Measurement category IEC 61010-1 CAT IV, 1000 V
- Uses 2 x 1.5V AAA batteries (included)



A

B) DV25 POCKET SIZE AC VOLTAGE DETECTOR WITH FLASHLIGHT

Features:

- Non-contact detection of AC Voltage with 2 ranges: 24 - 1000V AC and 100 - 1000V AC
- 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



B

PART NO.	DESCRIPTION	PRICE
C00-4667	A) NON-CONTACT VOLTAGE DETECTOR	15.55
C35-2192	B) DV25 AC VOLTAGE DETECTOR	13.40
M99-6864	MN2400 LR03 AAA BATTERIES PACKET 2	1.25

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.



C



PART NO.	DESCRIPTION	PRICE
C50-1224	A) SOCKET CHECK PLUG	10.12
C50-1613	B) BUZZITT AUDIBLE INDICATOR CHECK PLUG	15.35
C50-7832	C) NON-TRIP EARTH LOOP CHECK PLUG	52.93

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	59.73
C00-0005	CALIBRATION	43.75

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	38.11

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).



PART NO.	DESCRIPTION	PRICE
L79-1055	A) COILY CORD 10MM STUD/CROC CLIP	4.48
L79-1052	B) COILY CORD 10MM STUD/STUD	4.48

ESP BONDING PLUG

- A) To accommodate 10mm, 7mm studs or 4mm plugs fitted 1m ohm resistor.
 B) Standard Bonding plug with 10mm stud fitted with 1m ohm resistor.
 C) ESP plug with earth detection light & buzzer, supplied complete with 1 meg ohm resistor will accommodate 10mm stud or 4mm banana plug cords (European version available on request).



PART NO.	DESCRIPTION	PRICE
L79-1213	A) ESP BONDING PLUGS (UK)	5.20
L79-2044	B) ESP STANDARD BONDING PLUGS	5.25
L79-5003	C) EARTH DET. ESP BONDING PLUGS	20.90

ANTISTATIC WRIST BANDS

Adjustable wrist bands with 10mm stud silver woven elastic



PART NO.	DESCRIPTION	PRICE
L79-1017	ADJUSTABLE WRIST BAND	14.13

TRIM TOOLS**A) 10 PIECE TRIM TOOL SET**

A

B) POCKET TRIM TOOL

B



PART NO.	DESCRIPTION	PRICE
L15-1208	A) 10 PIECE TRIM TOOL SET	3.68
L15-1209	B) POCKET TRIM TOOL	3.11

Consumables



Cable Ties & Accessories

Marking & Labelling

Cable Clips

Fixings & Fastenings

Tapes



Adhesives & Sealants

Batteries

Solvents

Wipes & Hand Care



STRAPS CABLE FIXING

Supplied in packs of 100 with the exception of 10A Black which is supplied in packs of 50.



PART NO.	DESCRIPTION	PRICE
S83-2704	1C NATURAL 100MM X 2.5MM (T18R)	0.60
S83-2703	1C BLACK 100MM X 2.5MM (T18R)	0.90
S83-2929	1A NATURAL 270MM X 4.8MM (LK2A)	2.50
S83-0904	1A BLACK 270MM X 4.8MM(LK2A)	2.50
S83-0896	10A BLACK 540MM X 13.0MM (LK5B)	12.31

STRAP CABLE FIXING I (RSI)

Bobbie cable tie, ideal for label holder. Size 110mm x 2mm. Supplied in packs of 100.



PART NO.	DESCRIPTION	PRICE
S83-2930	STRAP CABLE FIXING (RSI)	7.10

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)	3.05

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	4.35
S83-3900	MB3A	19 X 19	4.1MM	14.85
S83-3901	MB4A	28 X 28	5.4MM	4.68
S83-3902	MBSA	38 X 38	10MM	49.00

CABLE TIE FIXING

Used with up to 9mm wide cable ties to secure cable or pipe runs to brick, concrete or wood. Installed by knocking into 7mm to 8mm diameter holes. The LOK01B is designed for soft brickwork and 6mm holes.

Supplied in packs of 100.



PART NO.	DESCRIPTION	PRICE
S83-3903	CABLE TIE FIXING LOK01 44 X 12MM	12.57
S83-3904	CABLE TIE FIXING LOK01B 30 X 12MM	8.72

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.

Supplied in packs of 100.



PART NO.	DESCRIPTION	PRICE
S83-3907	TAG MARKER 1A BLACK	5.46
S83-3908	TAG MARKER 1A NATURAL	5.46
S83-3909	TAG MARKER 2A BLACK	5.88
S83-3910	TAG MARKER 2A NATURAL	5.88

TENSIONERS (CABLE TIES)

Low cost plastic & metal cable tie tensioning tools. Suitable for various cable tie sizes.



PART NO.	DESCRIPTION	PRICE
S83-0945	TENSIONER 5A (PLASTIC) 2.4 - 4.6	10.50
S83-0853	TENSIONER 7A (PLASTIC) 4.6 - 7.6	26.11

FUSION CABLE TIES

Pack of 100.



AVAILABLE
IN BLACK,
NATURAL AND
COLOURED!


BLACK TIES

PART NO.	DESCRIPTION	PRICE
S00-1401	100 X 2.5MM BLACK (PKT 100)	0.46
S00-1403	150 X 3.5MM BLACK (PKT 100)	1.12
S00-1405	200 X 4.5MM BLACK (PKT 100)	1.77
S00-1407	300 X 4.6MM BLACK (PKT 100)	2.52

NATURAL TIES

PART NO.	DESCRIPTION	PRICE
S00-1400	100 X 2.5MM NATURAL (PKT 100)	0.46
S00-1402	150 X 3.5MM NATURAL (PKT 100)	1.12
S00-1404	200 X 4.5MM NATURAL (PKT 100)	1.77
S00-1406	300 X 4.6MM NATURAL (PKT 100)	2.82

COLOURED TIES

PART NO.	DESCRIPTION	PRICE
S00-7703	200 X 2.5MM BLUE (PKT 100)	4.74
S00-7704	200 X 2.5MM GREEN (PKT 100)	4.74
S00-7705	200 X 2.5MM ORANGE (PKT 100)	4.74
S00-7706	200 X 2.5MM RED (PKT 100)	4.74
S00-7707	200 X 2.5MM YELLOW (PKT 100)	4.74

CABLE TIE GUN

Automatically tightens up cable ties with a simple pull of a trigger. All steel construction with red lacquered coating. Designed for use on nylon cable ties with widths from 2.2 to 4.8mm and a thickness up to 1.6mm. It features an adjustable tension dial for bundling pressure and an automatic cut-off once tension achieved.



PART NO.	DESCRIPTION	PRICE
S57-3005	PROFESSIONAL CABLE TIE GUN	14.00

FUSION CABLE TIE HANDY PACK

A convenient tube of black and white cable ties containing:

- 2.5 x 100mm 100 pieces
- 2.5 x 150mm 50 pieces
- 3.6 x 200mm 50 pieces

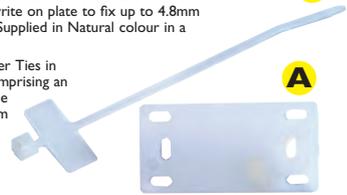



PART NO.	DESCRIPTION	PRICE
T70-0623	FUSION CABLE TIE HANDY PACK	1.34

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	3.75
R02-2414	B) TOMBSTONE MARKER TIES	1.18

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)	4.64
R02-2416	CRADLE 19MM SQ BLACK (PKT 100)	1.53
R02-2417	CRADLE 28MM SQ NATURAL (PKT 100)	3.01
R02-2418	CRADLE 28MM SQ BLACK (PKT 100)	3.02

CABLE TIE WALL MOUNTS AND SUPPORTS

PART NO.	DESCRIPTION	PRICE
R02-2423	A) CABLE TIE SUPPORTS BLACK (PKT 100)	5.98
R02-2419	B) CABLE TIE WALL MOUNTS BLACK (PKT 100)	3.00
R02-4802	C) CABLE TIE WALL MOUNTS NATURAL (PKT 100)	3.00

304 GRADE STAINLESS STEEL BALL-LOCK CABLE TIES



Metal 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 MBT (Metal Ball Bearing Ties) ties have a patented non-releasable locking feature and offer infinite adjustment within their length. The MBT ties are heavy duty. Once installed they can be opened and re-used if required.

This range of stainless steel cable ties can be used in chemical industries and on oil platforms as well as in mass transit, shipbuilding and mining industries. MBT ties are also suitable for machine building, apparatus construction and in the outside area of radio technology.

It is strongly recommended that these cable ties are applied using the S00-5631 Tensioning Tool (below) to ensure reliable and efficient fixing.

- Patented non-releasable locking feature
- Corrosion resistant
- Outstanding chemical resistance
- High temperature resistance
- Non-burning



PART NO.	LENGTH (MM)	WIDTH (MM)	MAX. Ø	QTY	PRICE
S00-5620	127	4.6	25	100	20.73
S00-5621	201	4.6	50	100	22.02
S00-5622	300	4.6	76	100	25.60
S00-5623	362	4.6	102	100	29.17
S00-5624	521	4.6	152	100	35.09
S00-5625	681	4.6	203	100	42.42
S00-5626	838	4.6	254	100	48.28
S00-5627	201	7.9	50	50	13.06
S00-5628	362	7.9	76	50	18.84
S00-5629	521	7.9	152	50	23.42
S00-5630	681	7.9	203	50	27.80
S00-5631	838	7.9	254	50	31.82

TENSIONING TOOL FOR STAINLESS STEEL CABLE TIES



This application 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. The tool is easy to handle and far more reliable than trying to tension the ties by hand.

- Tough metal tool
- Operator controlled tensioning
- Cut off by pulling the hand lever



PART NO.	DESCRIPTION	PRICE
S00-5632	TENSIONING TOOL FOR STAINLESS STEEL TIES	84.05

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	38.39
S00-5634	5.3MM Ø HOLE - STAINLESS STEEL P MOUNTS PK100	38.39
S00-5635	6.3MM Ø HOLE - STAINLESS STEEL P MOUNTS PK100	38.39

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	21.54

STAINLESS STEEL FIRE CLIP FOR 25X16 MINI TRUNKING



The safest solution to securing cable within mini trunking. Supplied in packs of 50.

- Suitable for 25 x 16mm mini trunking
- Easy to apply without the need for a tool – simply fold the tabs to retain the cables
- Completely invisible once mounted within the trunking
- No. 8 (4mm Ø) fixing hole for securing the clip to the building fabric
- Manufactured from Stainless Steel 430 material
- Holds cables in position, even in the event of a fire
- The safest way of securing cables within mini trunking

Dimensions: 21mm (w) x 20mm (l).
Made from Grade 430 Stainless Steel (SS430)



PART NO.	DESCRIPTION	PRICE
S00-5637	FIRE CLIP FOR MINI TRUNKING PK50	14.95

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)	16.67
R51-8451	BLACK TIE 13 X 230MM (PKT 100)	23.33
R51-8452	BLACK TIE 13 X 330MM (PKT 100)	26.67

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	9.17
R02-7003	16MM HOOK & LOOP 25M ROLL	13.83

CRITCHLEY K-TYPE BLACK ON WHITE MARKER KIT

Ready Filled 40 Compartment Cable Marker Kit

The K-Type marker standard kits come with numbers, letters, symbols and carrier strips and provides an ideal marking system for cables, cable bundles and conduit. 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	CRITCHLEY K TYPE MARKER KIT OVAL GRIP MARKERS (BLACK ON WHITE)	182.94

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	13.05
R51-0457	GENUINE 16MM VELCRO® 25M ROLL	17.13

CRITCHLEY K-TYPE BLACK ON YELLOW MARKER KIT

Ready Filled 40 Compartment Cable Marker Kit

The K-Type marker standard kits come with numbers, letters, symbols and carrier strips and provides an ideal marking system for cables, cable bundles and conduit. 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	CRITCHLEY K TYPE MARKER KIT OVAL GRIP MARKERS (YELLOW ON BLACK)	182.94

COLLET PAIRS

PVC Collets for multi pair cables, supplied black on yellow.



PART NO.	DESCRIPTION
S83-2931	COLLET PAIR 1/50
S83-2932	COLLET PAIR 511/100
S83-2933	COLLET PAIR 101/200
S83-2934	COLLET PAIR 201/300
S83-2935	COLLET PAIR 301/400
S83-2936	COLLET PAIR 401/500
S83-2937	COLLET PAIR 501/600
S83-2938	COLLET PAIR 601/700
S83-2939	COLLET PAIR 701/800
S83-2940	COLLET PAIR 801/900
S83-2941	COLLET PAIR 901/1000

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsitd.com

OVAL GRIP MARKERS (H085)

Used for coding and identification, these are 5mm wide Oval Grip Markers. They are used with Tags Markers 1A and 2A together with Straps Cable fixing 1A.

Black on White Supplied in reels of 100.

Black on Yellow supplied in reels of 1000.



For Tag Markers & Straps Cable Fixing, see page 374

BLACK ON WHITE OVAL MARKER (QTY 100)

PART NO.	TYPE	PRICE	PART NO.	TYPE	PRICE
S83-2942	'0'	3.92	S83-2960	'I'	3.92
S83-2943	'1'	3.92	S83-2961	'J'	3.92
S83-2944	'2'	3.92	S83-2962	'K'	3.92
S83-2945	'3'	3.92	S83-2963	'L'	3.92
S83-2946	'4'	3.92	S83-2964	'M'	3.92
S83-2947	'5'	3.92	S83-2965	'N'	3.92
S83-2948	'6'	3.92	S83-2966	'O'	3.92
S83-2949	'7'	3.92	S83-2967	'P'	3.92
S83-2950	'8'	3.92	S83-2968	'Q'	3.92
S83-2951	'9'	3.92	S83-2969	'R'	3.92
S83-2952	'A'	3.92	S83-2970	'S'	3.92
S83-2953	'B'	3.92	S83-2971	'T'	3.92
S83-2954	'C'	3.92	S83-2972	'U'	3.92
S83-2955	'D'	3.92	S83-2973	'V'	3.92
S83-2956	'E'	3.92	S83-2974	'W'	3.92
S83-2957	'F'	3.92	S83-2975	'X'	3.92
S83-2958	'G'	3.92	S83-2976	'Y'	3.92
S83-2959	'H'	3.92	S83-2977	'Z'	3.92

BLACK ON YELLOW OVAL MARKER (QTY 1000)

PART NO.	TYPE	PRICE	PART NO.	TYPE	PRICE
S83-3127	'0'	12.13	S83-3145	'I'	12.13
S83-3128	'1'	12.13	S83-3146	'J'	12.13
S83-3129	'2'	12.13	S83-3147	'K'	12.13
S83-3130	'3'	12.13	S83-3148	'L'	12.13
S83-3131	'4'	12.13	S83-3149	'M'	12.13
S83-3132	'5'	12.13	S83-3150	'N'	12.13
S83-3133	'6'	12.13	S83-3151	'O'	12.13
S83-3134	'7'	12.13	S83-3152	'P'	12.13
S83-3135	'8'	12.13	S83-3153	'Q'	12.13
S83-3136	'9'	12.13	S83-3154	'R'	12.13
S83-3137	'A'	12.13	S83-3155	'S'	12.13
S83-3138	'B'	12.13	S83-3156	'T'	12.13
S83-3139	'C'	12.13	S83-3157	'U'	12.13
S83-3140	'D'	12.13	S83-3158	'V'	12.13
S83-3141	'E'	12.13	S83-3159	'W'	12.13
S83-3142	'F'	12.13	S83-3160	'X'	12.13
S83-3143	'G'	12.13	S83-3161	'Y'	12.13
S83-3144	'H'	12.13	S83-3162	'Z'	12.13



PAINT MARKING APPLICATOR

Spray Paint Applicator with two wheels designed for use with permanent marking paint, the applicator facilitates trigger controlled line marking.



PART NO.	DESCRIPTION	PRICE
S83-2924	2 WHEEL PAINT MARKING APPLICATOR	54.20
S83-2925	4 WHEEL PAINT MARKING APPLICATOR	76.18

PAINT MARKING TEMPORARY

Temporary Road marking paint, supplied either in yellow, white or green. Other colours are available on request and may be subject to minimum order quantities - please call sales.



PART NO.	DESCRIPTION	PRICE
S83-2918	A) TEMPORARY MARKING PAINT YELLOW	3.66
S83-2919	B) TEMPORARY MARKING PAINT WHITE	3.66
S83-4801	C) TEMPORARY PAINT MARKING GREEN	3.66

CRAYON MARKER

Cold surface markers for use on any material, even wet or oily surfaces. Suitable for temperatures between 45° and +65C°.

Colour: Yellow.

Pack of 3.



PART NO.	DESCRIPTION	PRICE
R99-3263	CRAYON MARKER	4.95

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.



PART NO.	DESCRIPTION	PRICE
S83-0948	PEN MARKER NO.1	1.47

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.



PART NO.	DESCRIPTION	PRICE
S83-0960	PEN MARKER NO 2	2.69

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	4.15
C71-9820	A) TWIN TIP FINE & ULTRA FINE X12 BLACK	16.63
C71-9821	A) TWIN TIP FINE & ULTRA FINE X12 RED	16.63
C71-9822	A) TWIN TIP FINE & ULTRA FINE X12 BLUE	16.63
C71-9826	B) RETRACTABLE FINE TIP X12 BLACK	16.63
C71-9827	B) RETRACTABLE FINE TIP X12 RED	16.63
C71-9828	B) RETRACTABLE FINE TIP X12 BLUE	16.63

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	199.95

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	419.99

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	18.23
C00-6659	BLACK ON WHITE FLEXIBLE CABLE WRAP 19MM	19.48
C00-6660	BLACK ON WHITE FLEXIBLE CABLE WRAP 24MM	23.22

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	19.06
C00-6646	PERMANENT FLAT SURFACE 9MM	21.29
C00-6647	PERMANENT FLAT SURFACE 12MM	25.37

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.

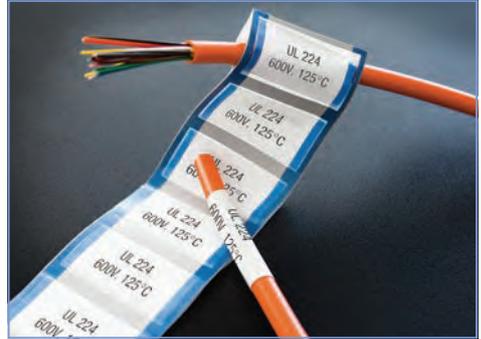


PART NO.	DESCRIPTION	PRICE
C00-6642	LAMINATED CABLE WRAP 21 X 21MM (250 LABELS)	24.46
C00-6643	LAMINATED CABLE WRAP 21 X 39MM (150 LABELS)	17.83
C00-6644	LAMINATED CABLE WRAP 38 X 39MM (150 LABELS)	21.97

DYMO XTL HEAT-SHRINK TUBE CONTINUOUS

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. Length: 2.7m. Suitable for internal use only.



PART NO.	DESCRIPTION	PRICE
C00-6661	BLACK PRINT ON WHITE HEAT-SHRINK TUBE 6MM	35.23
C28-6662	BLACK PRINT ON WHITE HEAT-SHRINK TUBE 12MM	48.49
C28-6663	BLACK PRINT ON WHITE HEAT-SHRINK TUBE 24MM	35.49

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	17.00
19MM	C00-6649	C00-6654	19.06
24MM	C00-6650	C00-6655	24.46
41MM	C00-6651	C00-6656	25.69
54MM	C00-6652	C00-6657	33.15

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
- 19 mm white flexible nylon tape
- Quick reference guide



NEW!

SEE OPPOSITE PAGE FOR LABELS



PART NO.	DESCRIPTION	PRICE
C28-4904	RHINO 4200 LABELLING PRINTER KIT CASE	79.95
C28-2869	RHINO 4200 LABELLING PRINTER ONLY	70.35

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 flexible nylon label cartridge (best for wrap applications)
- One 12mm white polyester label cartridge (best for panel applications)
- Lithium-ion battery
- AC adaptor
- Quick Reference Guide

RHINO 5200 Label Printer Only

- Rhino 5200 printer
- User Manual CD-ROM
- 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	136.65
C28-1236	RHINO 5200 PRINTER ONLY	99.48



NON-ADHESIVE TAPES

This non-adhesive polypropylene tape is ideal for use with slide-in labelling fields on patch panels. Use the patch panel labelling facility on your printer and simply cut the label strip to size.

Length: 5.5M

FOR USE WITH ALL RHINO PRINTERS ON P382



PART NO.	DESCRIPTION	PRICE
C28-8050	WHITE NON-ADHESIVE TAPE 6MM	9.40
C28-8052	WHITE NON-ADHESIVE TAPE 12MM	10.15

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.

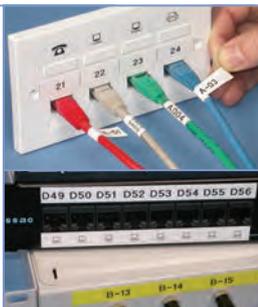


PART NO.	DESCRIPTION	PRICE
C28-3912	WHITE POLYESTER 6MM	10.61
C28-7703	WHITE POLYESTER 9MM	12.05
C28-7704	WHITE POLYESTER 12MM	12.95
C28-7705	WHITE POLYESTER 19MM	13.47
C28-4032	WHITE POLYESTER 24MM	15.60
C28-3913	METAL POLYESTER 6MM	10.61
C28-7706	METAL POLYESTER 9MM	12.05
C28-7707	METAL POLYESTER 12MM	12.95
C28-7708	METAL POLYESTER 19MM	13.47
C28-3918	METAL POLYESTER 24MM	15.60
C28-3914	CLEAR POLYESTER 6MM	10.28
C28-7965	CLEAR POLYESTER 9MM	12.05
C28-3915	CLEAR POLYESTER 12MM	12.95
C28-3916	CLEAR POLYESTER 19MM	13.47
C28-3917	CLEAR POLYESTER 24MM	15.60

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	13.56
C28-7711	WHITE NYLON 19MM	14.99
C28-3922	WHITE NYLON 24MM	15.93
C28-7712	YELLOW NYLON 12MM	13.56
C28-7713	YELLOW NYLON 19MM	14.99
C28-3921	YELLOW NYLON 24MM	15.93

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 tube has 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	18.77
C28-8071	WHITE HEAT-SHRINK TUBE 9MM	20.14
C28-8072	WHITE HEAT-SHRINK TUBE 12MM	21.66
C28-8073	WHITE HEAT-SHRINK TUBE 19MM	22.55
C28-3919	WHITE HEAT-SHRINK TUBE 24MM	25.50
C28-8074	YELLOW HEAT-SHRINK TUBE 6MM	18.77
C28-8075	YELLOW HEAT-SHRINK TUBE 9MM	20.14
C28-8076	YELLOW HEAT-SHRINK TUBE 12MM	21.66
C28-8077	YELLOW HEAT-SHRINK TUBE 19MM	22.55
C28-3920	YELLOW HEAT-SHRINK TUBE 24MM	25.50

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.



BLACK TEXT

Suitable for outdoor usage.

WIDTH	WHITE	YELLOW	ORANGE	GREY	PRICE
9MM	C28-7962	N/A	N/A	N/A	12.05
12MM	C28-7963	C28-7951	C28-7954	C28-3923	12.55
19MM	C28-7964	C28-7952	C28-7955	C28-3924	13.39
24MM	C28-3925	C28-3926	C28-3927	C28-3928	15.99

WHITE TEXT

WIDTH	BLACK	GREEN	RED	PURPLE	BROWN	BLUE	PRICE
9MM	C28-3929	N/A	N/A	N/A	N/A	N/A	12.05
12MM	C28-3930	C28-3931	C28-3932	C28-3933	C28-3934	C28-3935	12.55
19MM	C28-3936	C28-3937	C28-3938	C28-3939	C28-3940	C28-3941	13.39
24MM	C28-3942	C28-3943	C28-3944	C28-3945	C28-3946	C28-3947	15.99

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	15.99



BRADY BMP21-PLUS TELEDATACOM THERMAL LABEL PRINTER KIT

The BMP21-PLUS Telecoms/Datacoms Kit is recommended for telecom and datacom installers and contains three cartridges of label material commonly used for cable marking and panel and port identification. The hard carry case will protect the printer and provides somewhere to store extra label cartridges too.

It takes on the toughest labeling jobs in the field. Whether you're in a server room, servicing a breaker box or organizing your workplace, you can count on the BMP21-PLUS labeler to get the job done. And it will get the job done quickly. With smart automatic formatting, all you need to do is drop a label cartridge in, type and print. Simple.

- Drop tested printer - super-rugged with moulded rubber bumpers providing protection from falls.
- Heavy-duty magnet accessory and lanyard for hands-free printing
- ABC keypad, graphics library, hot keys and menu functions for fast label creation
- Smart Cell technology for automatic label set up and automatic formatting for wire wraps, terminal blocks, patch panels, cable flags and general labels
- Label widths from 6mm to 19mm
- Auto label formatting
- Graphic library
- Label cutter & label grabber



BRADY
BRAND PERMANENTLY MARKING SOLUTIONS

Includes: Hard carry case, Li-ion battery pack, Mains power cable, 1 x M21-750-499 nylon cloth label cartridge, 1 x M21-1250-427 self-laminating label cartridge, 1 x M21-250-423 6.35mm Black on White polyester tape cartridge.

PART NO.	DESCRIPTION	PRICE
C71-4203	BMP21-PLUS PRINTER TELEDATACOM KIT	194.13

BRADY VINYL SELF-LAMINATING TAPE

Available in four popular sizes on 4.87m roll.

- Self Extinguishing
- Excellent water & oil resistance
- Excellent abrasion resistance

BRADY
BRAND PERMANENTLY MARKING SOLUTIONS



PART NO.	DESCRIPTION	PRICE
C71-4911	M21-750-427 19.05MM	27.00
C71-4912	M21-1000-427 25.40MM	32.85
C71-4913	M21-1250-427 30.48MM	33.45
C71-4914	M21-1500-427 38.10MM	35.89

BRADY PERMASLEEVE WIRE MARKER HEATSHRINK SLEEVES

Available in four popular sizes on 2.74m roll

- Self Extinguishing
- Heat-Shrinkable
- Meets MIL-M-81531; MIL-STD-202F; method 215 and UL 224

BRADY
BRAND PERMANENTLY MARKING SOLUTIONS



PART NO.	DESCRIPTION	PRICE
C71-4915	M21-125-C-342 5.97MM	41.20
C71-4916	M21-187-C-342 8.51MM	44.95
C71-4917	M21-250-C-342 11.15MM	51.40
C71-4918	M21-375-C-342 16.38MM	56.75

BRADY NYLON CLOTH TAPE

Available in three popular sizes on 4.87m roll. Ideal for:

- Wire & cable
- Patch panels
- Faceplates

BRADY
BRAND PERMANENTLY MARKING SOLUTIONS



PART NO.	DESCRIPTION	PRICE
C71-4919	M21-375-499 9.53MM	15.00
C71-4920	M21-500-499 12.70MM	20.01
C71-4921	M21-750-499 19.05MM	21.55

BRADY POLYESTER TAPE

Available in three popular sizes in both black on white and black on clear on 2.74m roll.

Ideal for components, instruments, racks and bins.

BRADY
BRAND PERMANENTLY MARKING SOLUTIONS



PART NO.	DESCRIPTION	PRICE
C71-4922	M21-375-423 BLACK ON WHITE 9.53MM	15.00
C71-4923	M21-500-423 BLACK ON WHITE 12.70MM	16.40
C71-4924	M21-750-423 BLACK ON WHITE 19.05MM	19.15
C71-4925	M21-375-430 BLACK ON CLEAR 9.53MM	15.00
C71-4926	M21-500-430 BLACK ON CLEAR 12.70MM	16.40
C71-4927	M21-750-430 BLACK ON CLEAR 19.05MM	19.15

BRADY INDOOR/OUTDOOR VINYL FILM TAPE

Adheres to irregular, curved or rough surfaces. Stands up to grease, oil and most industrial chemicals. 5 year average outdoor durability in temperatures from -40°F to 180°F. 6.40m length.

BRADY
BRAND PERMANENTLY MARKING SOLUTIONS



Ideal for:

- Pipes
- Round Surfaces
- Tools
- Containers
- Bins
- Components
- Instruments
- Panels

BLACK TEXT

WIDTH	DESCRIPTION	WHITE	YELLOW	ORANGE	PRICE
9.5MM	M21-375-595	C71-4928	C71-4929	C71-4930	14.55
12.7MM	M21-500-595	C71-4931	C71-4932	C71-4933	16.40
19.0MM	M21-750-595	C71-4934	C71-4935	C71-4936	20.28

WHITE TEXT

WIDTH	DESCRIPTION	GREEN	RED	BLUE	PRICE
9.5MM	M21-375-595	C71-4937	C71-4938	C71-4939	14.55
12.7MM	M21-500-595	C71-4940	C71-4941	C71-4942	16.40
19.0MM	M21-750-595	C71-4943	C71-4944	C71-4945	20.28

BROTHER PT-E100VP LABEL PRINTER

The PT-E100VP label printer comes with a choice of pre-set modes for printing cable flag, cable wrap and face plate labels and with 37 bespoke built-in electrical and installer symbols, you can be assured every job will be clearly identified, leaving a long lasting professional finish.



Supplied with:

- 12mm strong adhesive black on yellow (8m) tape,
- AC adapter and carry case
- Batteries not included (6 x AAA)

Key Features

- Specialist laminated tapes for specific labelling applications
- Durable laminated TZe tape widths up to 12mm
- 168 built-in symbols including 37 bespoke symbols for cable installers
- Comes with convenient built-in cutter
- Prints cable flag, cable wrap and face plate labels at the touch of a button
- Easy to read 16 character display screen
- Easy-to-change tape cassettes
- Store up to 9 files in the memory
- Powered by 6 AAA batteries (not included) or AC adaptor (included)

PART NO.	DESCRIPTION	PRICE
C92-4950	BROTHER PT-E100VP LABEL PRINTER	51.93

BROTHER PTE550W 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.



Supplied with:

- Carry case, wrist strap,
- USB cable, 24mm and 12mm tape, and rechargeable lithium-ion battery.

Key Features

- Create and design labels from your PC and then transfer to your label printer via wi-fi or USB connection
- Wi-fi connection enables labels to be designed, edited, and printed via smart phone
- 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

PART NO.	DESCRIPTION	PRICE
C92-5886	BROTHER PTE550W LABEL PRINTER	115.38

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 four popular sizes

- A) 5.8mm for 1.7 - 3.2mm cable.
- B) 8.8mm for 2.6 - 5.1mm cable.
- C) 11.7mm for 3.6 - 7mm cable.
- D) 17.7mm for 5.4 - 10.6mm cable.

PART NO.	DESCRIPTION	PRICE
C92-4951	5.8MM	32.68
C92-4952	8.8MM	33.62
C92-4953	11.7MM	38.95
C92-4954	17.7MM	41.95

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 three sizes and four colours.



WIDTH	WHITE	YELLOW	RED	CLEAR	PRICE
9MM	C92-4947	C92-4955	C92-4958	C92-4961	10.80
12MM	C92-4948	C92-4956	C92-4959	C92-4962	11.90
18MM	C92-4949	C92-4957	C92-4960	C92-4963	15.50

FLEXIBLE ID FZEFX 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.



WIDTH	WHITE	YELLOW	PRICE
9MM	C92-4964	C92-4967	12.20
12MM	C92-4965	C92-4968	13.40
18MM	C92-4966	C92-4969	16.80

CONSUMABLES



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
ALUMINUM SYSTEMS



PART NO.	DESCRIPTION	PRICE
R02-8336	3.5MM WHITE (100) 2 PAIR	1.81
R02-8337	3.5MM BLACK (100) 2 PAIR	1.81
R02-8338	4.0MM WHITE (100) 3 PAIR	1.75
R02-8339	4.0MM BLACK (100) 3 PAIR	1.75
R02-8340	5.0MM WHITE (100) 4 PAIR	1.95
R02-8341	5.0MM BLACK (100) 4 PAIR	1.95
R02-8342	6.0MM WHITE (100) 6 PAIR	2.02
R02-8343	6.0MM BLACK (100) 6 PAIR	2.02
R02-8344	7.0MM WHITE (100) 10 PAIR	2.15
R02-8345	7.0MM BLACK (100) 10 PAIR	2.15
R02-8346	8.0MM WHITE (100) 10 PAIR + E	2.33
R02-8347	8.0MM BLACK (100) 10 PAIR + E	2.33
R02-8348	9.0MM WHITE (100) 20 PAIR	2.83
R02-8349	9.0MM BLACK (100) 20 PAIR	2.83
R02-8350	10.0MM WHITE (100) 20 PAIR + E	3.80
R02-8351	10.0MM BLACK (100) 20 PAIR + E	3.80
R02-8352	11.0MM WHITE (100) 30 PAIR	4.86
R02-8353	11.0MM BLACK (100) 30 PAIR	4.86
R02-8354	14.0MM WHITE (50) 40 PAIR + E	9.07
R02-8355	14.0MM BLACK (50) 40 PAIR + E	9.07
R02-8356	16.0MM WHITE (50) 50 PAIR + E	9.22
R02-8357	16.0MM BLACK (50) 50 PAIR + E	9.22
CABLE CLIPS FOR TWIN AND EARTH		
R02-9883	1.0MM TWIN & EARTH CLIP PKT 100	3.35
R02-2276	1.5MM TWIN & EARTH CLIP PKT 100	3.45
R02-2277	2.5MM TWIN & EARTH CLIP PKT 100	3.55
R02-9884	4.0MM TWIN & EARTH CLIP PKT 100	3.65
R02-9885	6.0MM TWIN & EARTH CLIP PKT 100	3.75

CLEAT WIRING 11B BLACK

Used to secure Cable Dropwire No.10, a curved lip cleat with captive pin. Pack of 100.



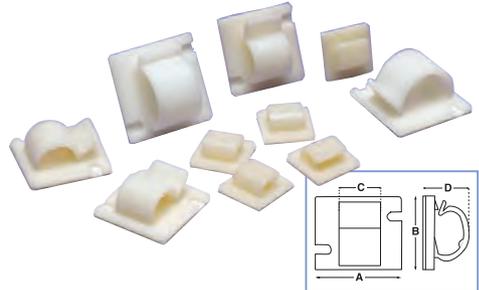
PART NO.	DESCRIPTION
S83-0838	CLEAT WIRING 11B BLACK

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

SELF-ADHESIVE CABLE CLIPS

These self-adhesive cable clips are available in three sizes. Made from natural Nylon 66, they are tough, provide excellent electrical insulation and are resistant to chemicals, petrols, oils, grease and alkalis. Will withstand continuous working temperatures of -20°C to +60°C.

High levels of instant tack and shear adhesion are achieved with a coating of synthetic rubber adhesive on both sides of the white polyethylene foam base.



Part No	Dim A mm	Dim B mm	Dim C mm	Dim D mm	Min Bundle mm	Max Bundle mm
R02-8359	16	16	10.7	7	4	5
R02-8360	25	25	12.7	10.9	8	13
R02-8361	28	28	14	16	12	15

PART NO.	DESCRIPTION	PRICE
R02-8359	SELF-ADHESIVE CABLE CLIP 16 X 16 PK 100	4.98
R02-8360	SELF-ADHESIVE CABLE CLIP 25 X 25 PK 100	6.32
R02-8361	SELF-ADHESIVE CABLE CLIP 28 X 28 PK 100	6.49

Looking for Cable Management Products?



See Pages 141-172

PINS STEEL NO.2

Hardened steel pins with captive washer. Used to fix cable cleats to masonry and concrete. Pack of 100.



PART NO.	DESCRIPTION
S83-0857	PINS STEEL NO.2

RING SALES FOR
SPECIAL PRICES
OR VISIT
millstd.com

COUNTERSUNK AND ROUNDHEAD POZI DRIVE™ WOODSCREWS

Pozi Drive™ Woodscrews.
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	1.01
R07-2225	NO.8 X 1" COUNTERSUNK POZI™ PKT 200	1.89
R07-2226	NO.8 X 1 1/4" COUNTERSUNK POZI™ PKT 200	2.20
R07-2227	NO.8 X 1 1/2" COUNTERSUNK POZI™ PKT 200	2.41
R07-2229	NO.8 X 2" COUNTERSUNK POZI™ PKT 200	2.65
R07-2230	NO.10 X 3/4" COUNTERSUNK POZI™ PKT 200	2.27
R07-2231	NO.10X 1" COUNTERSUNK POZI™ PKT 200	2.40
R07-2232	NO.10 X 1 1/4" COUNTERSUNK POZI™ PKT 200	2.52
R07-2233	NO.10 X 1 1/2" COUNTERSUNK POZI™ PKT 200	2.82
R07-2234	NO.10X 2" COUNTERSUNK POZI™ PKT 200	3.84
S83-0859	NO.12X 1" COUNTERSUNK POZI™ PKT 200	3.75
S83-2927	NO.12X 1 1/2" COUNTERSUNK POZI™ PKT 200	5.07
S83-2928	NO.12X 2" COUNTERSUNK POZI™ PKT 200	5.25
B) PANHEAD POZI DRIVE™ WOODSCREWS		
R07-2235	NO.8 X 3/4" PANHEAD POZI™ PKT 200	1.86
R07-2236	NO.8 X 1" PANHEAD POZI™ PKT 200	3.06
R07-2237	NO.8 X 1 1/4" PANHEAD POZI™ PKT 200	3.25
R07-2238	NO.8 X 1 1/2" PANHEAD POZI™ PKT 200	3.75

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	6.00
R02-2211	32MM DRYWALL SCREW PKT 100	6.20
R02-2212	38MM DRYWALL SCREW PKT 100	6.40

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	1.94
R07-2214	NO.8 X 1" C/TERSUNK POZI™ SELF-TAPPING	2.32
R07-2215	NO.8 X 1 1/4" C/TERSUNK POZI™ SELF-TAPPING	2.44
R07-2216	NO.8 X 1 1/2" C/TERSUNK POZI™ SELF-TAPPING	3.22
B) PANHEAD POZI™ DRIVE SELF-TAPPING SCREWS PKT 200		
R07-2217	NO.8 X 3/4" PANHEAD POZI™ SELF-TAP.	1.95
R07-2218	NO.8 X 1" PANHEAD POZI™ SELF-TAP.	3.17
R07-2219	NO.8 X 1 1/4" PANHEAD POZI™ SELF-TAP.	3.45
R07-2220	NO.8 X 1 1/2" PANHEAD POZI™ SELF-TAP.	3.65

STAPLE BRASS

Brass Staple for fixing copper earth wire to poles. 28mm long x 12mm wide, 3mm thick. Supplied in bags of 1kg.



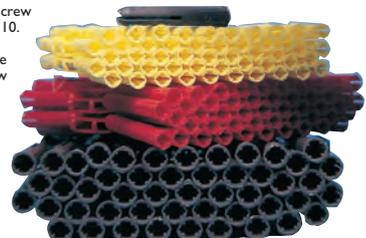
PART NO.	DESCRIPTION
S83-0858	STAPLE BRASS 1KG

**RING SALES FOR
SPECIAL
PRICES**
OR VISIT
millsltd.com

EXPANSION PLUGS PKT 100

These fixing plugs provides 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.

Yellow require a 5mm drill and are suitable for screw sizes No 6 - No 8.
Red require a 5.5mm drill and are suitable for screw sizes No 8 - No 10.
Brown require a 7mm drill and are suitable for screw sizes No 10 - No 14.



PART NO.	DESCRIPTION	PRICE
R02-2221	5.0MM YELLOW PLUGS PKT 100	0.51
R02-2222	5.5MM RED PLUGS PKT 100	0.49
R02-2223	7.0MM BROWN PLUGS PKT 100	0.97

CONSUMABLES

ECONOMY FULLNUTS

M6, M8 and M10. Supplied in packets of 100.



PART NO.	DESCRIPTION	PRICE
R02-2240	ECONOMY M6 FULLNUT PKT 100	0.76
R02-2241	ECONOMY M8 FULLNUT PKT 100	1.32
R02-2242	ECONOMY M10 FULLNUT PKT 100	2.54

ECONOMY WASHERS

M6, M8 and M10. Supplied in packets of 100.



PART NO.	DESCRIPTION	PRICE
R02-2243	ECONOMY M6 X 25MM WASHER PKT 100	1.86
R02-2244	ECONOMY M8 X 25MM WASHER PKT 100	2.18
R02-2245	ECONOMY M10 X 25MM WASHER PKT 100	2.62

ECONOMY STUDDING

M6, M8 and M10. Supplied in 3m lengths.



PART NO.	DESCRIPTION	PRICE
R02-2246	ECONOMY M6 STUDDING 3M LENGTH	1.52
R02-2247	ECONOMY M8 STUDDING 3M LENGTH	2.09
R02-2248	ECONOMY M10 STUDDING 3M LENGTH	3.48

ECONOMY NUTS & BOLTS

M6 Roofing Nuts and Bolts in 12mm, 20mm and 25mm lengths. Supplied in packets of 100.



PART NO.	DESCRIPTION	PRICE
R02-2265	ECONOMY M6 X 12MM NUTS & BOLTS (PKT 100)	4.50
R02-2266	ECONOMY M6 X 20MM NUTS & BOLTS (PKT 100)	5.50
R02-2267	ECONOMY M6 X 25MM NUTS & BOLTS (PKT 100)	6.50

ECONOMY COUNTERSUNK AND PAN HEAD POZI DRIVE™ SELF TAPPER PACKS

Assortment of self tapping screws in compartment carry box. Sizes 6, 8 and 10. Approx 750 pieces.



PART NO.	DESCRIPTION	PRICE
R07-7816	ECONOMY COUNTERSUNK POZI™ SELF TAPPER PACK	7.50
R07-7817	ECONOMY PAN HEAD POZI™ SELF TAPPER PACK	7.50

ECONOMY HEX NUT PACK

Sizes M3, M4, M5, M6, M8, M10 and M12. Approx 1,000 pieces.



PART NO.	DESCRIPTION	PRICE
R07-7818	ECONOMY HEX NUT PACK	7.50

ECONOMY WASHER PACK

Sizes M3, M4, M5, M6, M8, M10 and M12. Approx 1,000 pieces.



PART NO.	DESCRIPTION	PRICE
R07-7819	ECONOMY ASSORTED WASHER PACK	7.50

ECONOMY BOLT PACK

M5 x 12, M5 x 20, M5 x 30, M5 x 40, M5 x 50, M8 x 30, M8 x 50, M8 x 60, M10 x 30, M10 x 60, M10 x 70. Approx 145 pieces.



PART NO.	DESCRIPTION	PRICE
R02-1143	ECONOMY BOLT PACK	7.50

PLASTERBOARD SCREWS AND CAVITY WALL SCREWS

A) Plasterboard Screws - Size 1 - 35mm Long. Supplied in packets of 100.



(B) Cavity Wall Screws - Available in two sizes and supplied in packets of 50. Size 1 - Grip Range 6 - 13mm. Size 2 - Grip Range 16 - 32mm.

PART NO.	DESCRIPTION	PRICE
R02-2257	(A) PLASTERBOARD SCREWS PKT 100	12.58
R02-2258	(B) SIZE 1 CAVITY WALL SCREWS PKT 50	13.29
R02-2259	(B) SIZE 2 CAVITY WALL SCREWS PKT 50	19.72

PROJECTION BOLTS

General purpose anchor bolt with projecting stud to support fixture during installation and removal. Excellent tolerance to variation in hole size.



PART NO.	SIZE	MAXIMUM FITTING THICKNESS	REQUIRED DRILL SIZE
R02-2253	M6	10MM	10MM
R02-2254	M8	15MM	14MM
R02-2255	M10	10MM	16MM
R02-2256	M10	30MM	16MM

PART NO.	DESCRIPTION	PRICE
R02-2253	M6 X 10MM PROJECTION BOLT	0.56
R02-2254	M8 X 10MM PROJECTION BOLT	0.73
R02-2255	M10 X 15MM PROJECTION BOLT	1.31
R02-2256	M10 X 30MM PROJECTION BOLT	1.42

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	MAXIMUM FITTING THICKNESS	REQUIRED DRILL SIZE
R02-2249	M6	10MM	10MM
R02-2250	M8	10MM	14MM
R02-2251	M10	10MM	16MM
R02-2252	M10	25MM	16MM

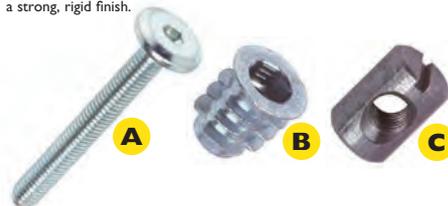
PART NO.	DESCRIPTION	PRICE
R02-2249	M6 X 10MM BOLT ANCHOR	0.73
R02-2250	M8 X 10MM BOLT ANCHOR	0.79
R02-2251	M10 X 15MM BOLT ANCHOR	1.06
R02-2252	M10 X 40MM BOLT ANCHOR	1.11

A) CROSS DOWEL BOLT M6 X 50MM PACK OF 50

Zinc plated. Fixes panels and frames together using the M6 insert nut or Cross Dowel to give a strong rigid fixing. SWV4 allen key drive.

B) INSERT NUT M6 PACK OF 50 For fixing panels and frames using Cross Dowel Bolts to give a strong rigid finish.

C) CROSS DOWEL M6 X 14MM PACK OF 50 For fixing panels and frames, with the Cross Dowel Bolts to provide a strong, rigid finish.



PART NO.	DESCRIPTION	PRICE
R02-1187	A) M6 DOWEL BOLT PKT 50	3.29
R02-1186	B) M6 INSERT NUT PKT 50	4.40
R02-1185	C) M6 CROSS DOWEL PKT 50	3.29

WEDGE ANCHORS AND TOOLS

Easy to install, bright zinc-plated internal expansion anchors. Suitable for installation in all types of concrete. Supplied in packs of 100. Requires setting tool R02-7823.



PART NO.	DESCRIPTION	PRICE
R02-7820	A) WEDGE ANCHOR M6 (PACK 100)	6.59
R02-7821	A) WEDGE ANCHOR M8 (PACK 100)	9.15
R02-7822	A) WEDGE ANCHOR M10 (PACK 100)	15.86
R02-7823	B) WEDGE ANCHOR SETTING TOOL M6	0.53
R02-7824	B) WEDGE ANCHOR SETTING TOOL M8	0.61
R02-7825	B) WEDGE ANCHOR SETTING TOOL M10	4.95

S.D.S. ADAPTOR TO 1/4" SQ. DRIVE

Ideal for accepting 10 and 13mm socket for easy installation of satellite dishes and aerials.



PART NO.	DESCRIPTION	PRICE
F70-5010	S.D.S.ADAPTOR X 1/4 SQUARE DRIVE	3.50

CONSUMABLES

TAPE HAZARD WARNING

50mm self adhesive
PVC striped tape.
Length: 33m.



PART NO.	DESCRIPTION	PRICE
R99-3267	YELLOW/BLACK TAPE HAZARD WARNING	3.13
R99-3268	RED/WHITE TAPE HAZARD WARNING	3.13

TAPE DENSYL

Available in 50mm and
75mm widths for pipe
wrapping.



PART NO.	DESCRIPTION	PRICE
S83-2914	TAPE DENSYL 50MM X 10M	
S83-2915	TAPE DENSYL 75MM X 10M	

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsfd.com

TAPE CABLING ADHESIVE 50MM

For securing cable grips to cables,
50mm wide.
Length: 20m.



PART NO.	DESCRIPTION	PRICE
S83-0836	TAPE CABLING 50MM	11.00

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	4.98
R02-7700	GAFFER (CLOTH) TAPE BLACK 50M	4.98

TAPE SELF AMALGAMATING

For taped joints when using
underground closures.
Supplied on 10m rolls.



PART NO.	DESCRIPTION	PRICE
R02-7702	TAPE SELF AMALGAMATING 19MM	5.38
R02-3395	TAPE SELF AMALGAMATING 25MM	6.45
R02-3396	TAPE SELF AMALGAMATING 50MM	11.99

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	0.86
S83-3274	TAPE PVC 12MM RED	0.86
S83-3658	TAPE PVC 12MM WHITE	0.86
S83-3275	TAPE PVC 12MM YELLOW	0.86
S83-0899	TAPE PVC 25MM BLACK	0.94
S83-3277	TAPE PVC 25MM BLUE	0.94
S83-3280	TAPE PVC 25MM RED	0.94
S83-3281	TAPE PVC 25MM WHITE	0.94
S83-0900	TAPE PVC 25MM YELLOW	0.94
S83-0898	TAPE PVC 50MM BLACK	2.46
S83-3287	TAPE PVC 50MM RED	2.46
S83-3288	TAPE PVC 50MM WHITE	2.46
S83-3289	TAPE PVC 50MM YELLOW	2.46

**ELECTRICIANS
PVC TAPES**

Self-extinguishing & flame
retardent. Conforms to
BSEN 60454/3. 33 metres
long by 19mm wide rolls.



PART NO.	DESCRIPTION	PRICE
R99-1210	BLACK PVC TAPE	0.79
R99-1211	RED PVC TAPE	0.79
R99-1212	WHITE PVC TAPE	0.79
R99-1213	YELLOW PVC TAPE	0.79
R99-1215	BLUE PVC TAPE	0.79
R99-1216	GREEN & YELLOW PVC TAPE	1.03

SILICONE SEALANTS

All purpose flex silicone sealants are flexible to accommodate movement as well as being weather resistant and waterproof. They contain fungicide for mould resistance and the prevention of discolouring.



PART NO.	DESCRIPTION	PRICE
R99-1221	SEALANT CLEAR 310ML	2.62
R99-1222	SEALANT WHITE 310ML	2.62

FLEXIBLE FILLER

Fast drying, ideal for filling and sealing small gaps, this filler remains permanently flexible. Supplied in 310ml cartridges.



PART NO.	DESCRIPTION	PRICE
R99-7896	FLEXIBLE FILLER 310ML	1.25

ARALDITE & SUPERGLUE

A) 3ml high performance adhesive tube with nozzle.

B) Rapid Epoxy supplied in 2 x 15ml tubes.



PART NO.	DESCRIPTION	PRICE
R99-1171	A) SUPERGLUE 3G TUBE	2.71
R99-1180	B) ARALDITE RAPID 32G	5.16

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	15.38
P59-7962	7MM GLUE STICKS FOR HANDY GUN PKT 14	3.82
P57-1302	B) TRIGGER FED GLUE GUN	17.94
P57-1303	10" ALL PURPOSE GLUE STICKS (PKT12)	6.36

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	3.27

CAULKING GUNS

A) Professional caulking gun with frictionless movement which allows for precise control and for small amounts of mastic to be dispensed at any one time. The product has been specially designed for heavy duty applications and is suitable for use with normal 310ml mastic cartridges.

B) Standard caulking gun.



PART NO.	DESCRIPTION	PRICE
R70-7850	A) PROFESSIONAL CAULKING GUN	6.42
R99-1217	B) STANDARD CAULKING GUN	3.04

A) AIR DUSTER

Supplied in a 400ml aerosol can.

B) ANTI-STATIC FOAM CLEANER

Ideal for all hard surfaces such as computer screens, computer casings & office equipment. Supplied in a 400ml aerosol cans.

OZONE FRIENDLY



PART NO.	DESCRIPTION	PRICE
R00-3506	A) AIR DUSTER 400ML	4.89
R90-3003	B) ANTI-STATIC FOAM CLEANER 400ML	4.42

SPRAY DEWATERING

For displacing moisture from externally sited Block Terminals. Contains corrosion preventative compound.

400ml can.



PART NO.	DESCRIPTION	PRICE
S83-0832	SPRAY DEWATERING	4.46

MILLS HEAVY DUTY ANTIBACTERIAL HANDWIPE - 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	A) MILLS HEAVY DUTY ANTIBACTERIAL HANDWIPE	3.66
R99-6594	B) MOUNTING BRACKET FOR MILLS HAND WIPE	1.65

HAND CLEANER WET WIPE

A tub of 150 large wipes ideal for the degreasing and cleansing of both hands and hard surfaces. It is effective on grime, oil, mastics and grease. Ideal for any industrial environment that requires fast cleaning without the need for water. Each wipe is 280mm x 280mm and dispensed from a re-sealable tub.



PART NO.	DESCRIPTION	PRICE
S83-2923	HAND CLEANER WET WIPE	7.20

BATTERIES

A



A) LONG LASTING ALKALINE BATTERIES

Long lasting, leak-proof alkaline batteries for optimum output & high performance of all torches, measuring instruments & industrial equipment.

B



B) LANTERN BATTERY

PJ996 long lasting lantern and road lamp batteries

PART NO.	DESCRIPTION	PRICE
M99-1200	A) MN1300 (D) BATTERY PACKET 2	3.08
M99-1201	A) MN1400 (C) BATTERY PACKET 2	2.60
M99-6820	A) MN1500 (AA) BATTERY PACKET 2	1.15
M99-1203	A) MN1604 (PP3) BATTERY PACKET 1	1.98
M99-6864	A) MN2400 (LR03,AAA) BATTERY PACKET 2	1.25
M99-1059	B) PJ996 LANTERN BATTERY EACH	1.93

FIBREGLASS CLEANING PENCIL

A fibreglass abrasive stick with 4mm abrasive fibreglass, designed for removing protective lacquer coatings on PCB boards and cleaning copper track for soldering.



PART NO.	DESCRIPTION	PRICE
R01-3000	FIBREGLASS PENCIL	6.35

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	HAND SANITISER 60ML	2.20
R99-1251	HAND SANITISER 350ML	5.36

PAPER TOWELS (ROLL)

A general purpose 2 ply blue hygiene roll, 250mm (10") wide and containing 100 x 400mm x 250mm sheets. Supplied in a box of 24 rolls.



PART NO.	DESCRIPTION	PRICE
S83-2916	PAPER TOWELS (ROLL) PK 24	25.83





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.

1. Terms of Payment

- 1.1 Where credit terms are extended and unless separately agreed the due date for payment will be 30 days from invoice date. The due date for payment shall be of the essence. Interest at 5% over Lloyds Bank PLC Base Rate is chargeable on overdue accounts accruing on a daily basis until payment is made, whether before or after judgment. The Supplier reserves the right to claim interest under the Late Payment of Commercial Debts (Interest) Act 1998. Credit facilities may be withdrawn without notification.
- 1.2 No payment shall be deemed to have been received until the Supplier has received cleared funds.
- 1.3 The Supplier shall at its discretion (without prejudice to its right to treat the contract as repudiated and claim damages) be entitled to withhold despatch of the good and/or performance of the services until all monies owing to the Supplier by the Customer have been paid in full.
- 1.4 If any invoice to a customer shall remain outstanding and unpaid beyond the usual thirty day credit period, then the seller shall be entitled to withdraw all credit facilities granted to that customer and require immediate payment of all outstanding invoices due from them including any in respect of which the thirty day credit period has not yet expired.

2. Prices

- 2.1 Prices are those ruling at the time of delivery or collection.
- 2.2 Unless otherwise specified prices quoted do not include Value Added Tax.
- 2.3 At any time before delivery has been completed the Supplier shall be entitled to vary the price of the goods/services. Reasons for so doing may include but shall not be limited to any of the following: increased labour costs; increased material or processing costs; increased transport costs (if carriage is included in the quote price); varying currency exchange rates; implementing any request by the Customer for expedited despatch or changes in delivery, schedules, completion dates, quantities, design specification or performance; and delays caused by instructions of the Customer or by failure to give adequate instructions or information.

3. Quotations

- 3.1 All quotations are invitations to treat and no order is binding on the Supplier until the Supplier has received and accepted the Customers order. The Customers order shall be deemed to be accepted by the Supplier unless it contacts the Customer (in writing or verbally) in respect thereof within seven working days from receipt of the order.
- 3.2 Quotations are valid for 30 days.

4. Ownership

- 4.1 All goods supplied remain the property of the Supplier until all monies due to the Supplier are paid in full and the Customer shall hold them identified accordingly as bailee and grants an irrevocable licence to the Supplier to enter on to the Customer's premises for the purpose of repossessing the Supplier's goods.
- 4.2 The goods are at the risk of the Buyer from the time of delivery.
- 4.3 Until ownership of the goods has passed to the Customer, the Customer must:
 - 4.3.1 store the goods (at no cost to the Supplier) separately from all other goods of the Customer or any third party in such a way that they remain readily identifiable as the Supplier's property.
- 4.3.2 maintain the goods in satisfactory condition and keep them insured on the Supplier's behalf for their full price against all risks to the reasonable satisfaction of the Supplier. On request the customer shall produce the policy of insurance to the Supplier.

5. Delivery

- 5.1 Delivery times are quoted in good faith but the Supplier accepts no liability for late delivery.
- 5.2 Time of delivery of the goods and/or performance of the services shall not be of the essence of the contract.
- 5.3 Unless otherwise agreed the Customer will provide at its expense all adequate and appropriate equipment and manual labour for loading the goods.
- 5.4.1 The Customer shall nevertheless pay the Supplier in accordance with Clause 1 of the Conditions as if such taking up or delivery has occurred; and
- 5.4.2 the goods will be deemed to have been delivered.
- 5.5 Where the Supplier's carrier attempts to deliver to the address specified by the customer and fails, or if the customer or its agent refuses delivery at the address specified by the customer, when the goods are redirected back to the Supplier as a result, the Supplier reserves the right to charge the customer for any re-delivers
- 5.6 Cabinet Deliveries: Please note that cabinet deliveries are made to ground floor (from reception or loading bay) only. Two men, sited deliveries are available at extra cost, please contact sales for details and costs.
- 5.7 Collection of Goods—Where personal collection of goods has been requested by the customer, it should be noted that this must be done within 72 hours of arranging the collection. Goods not collected within this period will be returned to stock and a restocking fee of £15.00 plus VAT will be invoiced to the customer.
- 5.8 It is the responsibility of the customer to check the contents and condition of the delivery prior to signing with the courier. Unless signed for "unchecked", claims cannot be made for damaged deliveries.

6. Quality

- 6.1 Goods supplied are warranted to be of satisfactory quality but no warranty is given for any particular purpose other than the purpose commonly applied or those specified by the relevant manufacturer.
- 6.2 Any goods claimed to be damaged must be returned with the appropriate receipt or evidence of purchase and where it is proved that the goods were defective at the time of sale the Supplier shall have the options of repair or replacement. The property in replaced goods remain with or converts to the Supplier. The Supplier recommends that all goods should be unpacked and inspected before the customer signs for them. Once the customer has signed for the delivery, the customer has in effect confirmed that all the goods on the delivery note have been received in perfect working order. A signed proof of delivery at the address specified on the customers' order completes the delivery and exempts the Suppliers liability for the product (except in the case of faulty goods). Any goods returned to the Supplier on the basis of being faulty are subject to a charge of £50 should, after inspection, the goods are found not to be faulty.
- 6.3 The Supplier should be notified of any damaged goods or discrepancies within 48 hours of receipt of the goods.
- 6.4 Sub-clause 6.1 of this Clause 6 shall be subject to the proviso that no warranties provided by the Supplier will apply.
- 6.4.1 where the goods have been installed, repaired or alteration made by anyone other than the Supplier's representatives or authorised agent; or

6.4.2 where the goods have not been commissioned or operated in accordance with procedures prescribed by the Supplier.

- 6.5 All other warranties, conditions and other items implied by statute or common law (save for the conditions implied by Section 12 of the Sale of Goods Act 1979) are, to the fullest extent permitted by law, excluded from the contract.

7. Returned Goods

- 7.1 The customer should contact Customer Services before returning any products to obtain a RMA number. The Supplier accepts no liability for goods returned, without the written authority of the Supplier
- 7.2 The Supplier reserves the right to refuse returns without a valid RMA number shown clearly on the outside of the package. An unauthorized return, i.e. one for which an RMA number has not been issued or one without a valid RMA number shown clearly on the outside of the package, will be returned to the customer at the customers expense
- 7.3 Any goods that may need to be collected that are not as a result of the Supplier or its representative(s) negligence may incur a minimum collection fee of £15.00 (plus VAT).
- 7.4 Items which are non-stock and are ordered specifically against the customers purchase order e.g. cut lengths of fibre and custom built cabinets, are non cancellable and non returnable and are outside this policy (unless faulty).
- 7.5 Cabinets and enclosures are non-returnable and non-refundable (unless faulty).
- 7.6 Cancellation of orders will not be accepted unless agreed in writing by the Supplier and where any cancellation is agreed the Customer will be liable handling charges.
- 7.7 Handling charges apply where the reason for return is not as a result of the negligence of the Supplier or its representative(s) i.e goods no longer required or ordered incorrectly by the customer. For such returns the customer must request an RMA number within 3 working days of the delivery date. The product and the product packaging must be in perfect working order/ condition and in the Suppliers view suitable for resale. By agreeing to return products you are agreeing to the Supplier handling charge policy.
- 7.8 The Supplier reserves the right to levy a handling charge of 20% of the goods value or a £30 (+VAT) fixed fee (whichever is higher) to cover the cost of the administration of the return and where appropriate our initial delivery costs.

8. Safe Use

- 8.1 Customers have a duty to use/operate all goods supplied in accordance with manufacturers instructions for safe use and to ensure that such instructions are conveyed effectively by the Customer to any persons using the goods.
- 8.2 Subject to the provisions of Clause 8.4 below the Supplier accepts no liability for injury or losses from the use of products.
- 8.3 All contracts for the supply of goods/services shall be deemed to have been agreed at the Suppliers premises and both parties agree to be bound by English Law.
- 8.4 Nothing in these Conditions excludes or limits the liability of the Supplier for death or personal injury caused by the Supplier's negligence or fraudulent misrepresentation.

9. Trademark

- 9.1 The customer /buyer shall not tamper with, alter the face or remove any of the names, logos or marks or numbers affixed to or marked on the goods, or allow anyone else to do so. All Trademarks are acknowledged and belong to the Supplier.

10. Important Notice

- 10.1 All information detailed on the Mills Website site and in the Mills catalogue is a guideline for product selection only. Product images are for illustration only. Every effort is made to be technically accurate. However, the company does not accept any liability for errors or omissions and reserves the right to change and modify products. If you have a specific requirement or wish to confirm technical details, dimensions etc, contact Mills Ltd prior to ordering. It is prohibited to reproduce in any way any part of Mills' catalogue or website without written consent from Mills Ltd.

11. Customer Account, Password & Security

- 11.1 Mills web account customers will receive a password and account number upon completing the registration process. You are responsible for maintaining the confidentiality of the password and account and are fully responsible for all activities that occur under your password or account. You agree to (a) immediately notify Mills Ltd of any unauthorised use of your password or account and any other breach of security, and (b) ensure that you exit from your account at the end of each session. Mills Ltd cannot and will not be liable for any loss or damage arising from your failure to comply with these terms.

12. Unfair Contract Terms Act

- 12.1 The above terms and conditions have been drawn with the Unfair Contract Terms Act 1977 in mind and the Supplier believes them to be fair and reasonable. If the Buyer believes that they are not fair and reasonable he must convey such belief to the Supplier in writing prior to contracting.

Part No.	Page								
A10-3504	187	B72-0604	198	C00-3666	357	C00-6863	104	C04-4779	130
A10-4805	180	B72-0605	196	C00-3671	370	C00-6882	93	C04-4780	130
A10-5935	32	B72-0658	197	C00-3990	117	C00-6890	246	C04-4781	130
A10-6079	84	B72-4262	190	C00-3991	117	C00-7003	358	C04-4782	130
A10-6110	185	B72-4263	190	C00-4049	246	C00-7038	101	C04-4783	130
A10-6111	185	B72-5810	196	C00-4181	300	C00-7039	101	C04-4784	131
A10-6112	185	B72-5811	196	C00-4182	353	C00-7040	101	C04-4785	131
A10-6130	176	B72-6506	192	C00-4269	349	C00-7041	101	C04-4786	131
A10-6131	176	B72-6595	198	C00-4270	349	C00-7702	246	C04-4787	132
A10-6132	176	B72-6628	196	C00-4388	290	C00-7732	101	C04-4788	132
A10-6133	176	B72-7706	191	C00-4389	290	C00-7895	369	C04-4789	132
A10-6134	177	B94-2889	200	C00-4391	356	C00-7896	369	C04-4790	132
A10-6135	177	B94-3353	200	C00-4403	103	C00-7902	352	C04-4791	132
A10-6136	177	B99-0301	203	C00-4435	348	C00-7903	352	C04-4792	132
A10-6137	177	B99-2004	203	C00-4636	251	C00-7927	103	C04-4793	132
A10-6138	178	B99-2005	203	C00-4667	371	C00-7928	103	C04-4794	130
A10-6139	178	B99-3503	281	C00-4766	94	C00-7929	103	C04-4795	130
A10-6140	178	B99-3504	281	C00-4767	94	C00-7953	248	C04-4796	131
A10-6141	178	B99-4734	203	C00-4768	94	C00-7970	358	C04-4797	131
A10-6142	179	B99-6550	203	C00-4769	94	C00-7991	92	C04-4798	131
A10-6143	179	B99-7863	281	C00-4770	94	C00-7992	92	C04-4799	131
A10-6144	179	B99-8001	203	C00-4771	94	C00-8125	359	C04-4800	131
A10-6145	179	C00-0000	370	C00-4772	94	C00-8126	359	C04-4801	131
A10-6146	98	C00-0001	370	C00-4827	93	C00-8161	362	C04-4802	131
A10-6147	98	C00-0005	372	C00-4885	97	C00-8162	362	C04-4882	130
A10-6148	99	C00-0006	371	C00-4886	97	C00-8209	244	C04-4883	130
A10-6149	99	C00-0113	19	C00-4982	247	C00-8239	251	C04-8915	128
A10-6150	181	C00-0495	92	C00-5041	251	C00-8242	90	C04-8916	128
A10-6151	181	C00-0556	354	C00-5043	348	C00-8296	93	C04-8986	128
A10-6152	181	C00-0655	355	C00-5052	349	C00-8329	369	C04-8987	128
A10-6153	182	C00-0775	251	C00-5055	356	C00-8416	93	C04-8988	128
A10-6154	182	C00-0776	251	C00-5816	362	C00-8417	93	C04-8989	128
A10-6155	182	C00-1084	246	C00-5880	104	C00-8421	92	C04-9900	128
A10-6156	183	C00-1086	246	C00-5881	104	C00-8422	93	C05-1309	100
A10-6157	183	C00-1205	356	C00-5881	104	C00-8424	291	C05-1310	100
A10-6158	183	C00-1327	358	C00-5884	355	C00-8440	359	C05-1311	100
A10-6180	186	C00-1328	362	C00-5892	118	C00-8721	348	C05-1312	100
A10-6181	186	C00-1329	362	C00-5919	97	C00-8780	358	C05-1313	100
A10-6182	186	C00-1330	362	C00-5924	118	C00-8930	358	C05-3966	100
A10-6183	79	C00-1331	357	C00-5933	251	C00-8931	358	C05-3967	100
A10-6184	79	C00-1338	359	C00-5970	300	C00-8932	358	C05-4803	101
A10-6185	91	C00-1340	359	C00-5971	300	C00-8933	358	C05-5800	100
A10-6186	91	C00-1347	117	C00-5985	251	C00-8934	358	C05-5801	100
A10-6187	91	C00-1348	117	C00-5988	352	C00-8935	356	C05-5802	100
A10-6190	184	C00-1349	117	C00-6078	96	C00-8998	246	C05-5803	100
A10-6191	184	C00-1554	356	C00-6079	96	C00-9001	247	C28-0491	383
A10-6192	184	C00-1560	251	C00-6082	96	C00-9002	247	C28-1235	382
A10-6193	84	C00-1561	291	C00-6085	96	C00-9011	247	C28-1236	382
A10-6194	84	C00-1563	326	C00-6118	104	C00-9038	291	C28-2869	382
A10-6195	85	C00-1564	326	C00-6119	92	C00-9819	101	C28-3912	383
A10-6196	85	C00-1572	245	C00-6408	92	C00-9840	101	C28-3913	383
A10-6197	85	C00-1574	354	C00-6409	92	C00-9844	251	C28-3914	383
A10-6200	83	C00-2000	362	C00-6596	380	C00-9845	251	C28-3915	383
A10-6201	83	C00-3011	246	C00-6635	118	C04-1257	130	C28-3916	383
A10-6202	83	C00-3013	248	C00-6636	118	C04-1257	130	C28-3917	383
A10-6784	98	C00-3015	291	C00-6637	118	C04-1257	130	C28-3918	383
B00-3008	202	C00-3029	92	C00-6640	250	C04-1258	130	C28-3919	383
B00-7911	194	C00-3031	92	C00-6642	381	C04-1259	129	C28-3920	383
B29-4265	199	C00-3036	93	C00-6643	381	C04-1260	129	C28-3921	383
B29-4804	180	C00-3038	101	C00-6644	381	C04-1261	129	C28-3922	383
B29-6720	199	C00-3040	93	C00-6645	381	C04-1262	129	C28-3923	383
B70-0067	202	C00-3041	93	C00-6646	381	C04-1262	129	C28-3924	383
B70-0068	202	C00-3042	93	C00-6647	381	C04-1263	130	C28-3925	383
B70-0378	202	C00-3043	93	C00-6648	381	C04-1264	130	C28-3926	383
B70-0600	195	C00-3044	93	C00-6649	381	C04-1264	130	C28-3927	383
B70-1241	195	C00-3045	93	C00-6650	381	C04-1265	129	C28-3928	383
B70-1242	192	C00-3046	93	C00-6651	381	C04-1266	129	C28-3929	383
B70-3341	190	C00-3047	93	C00-6652	381	C04-1267	130	C28-3930	383
B70-3342	190	C00-3048	93	C00-6653	381	C04-1267	130	C28-3931	383
B70-3343	190	C00-3049	93	C00-6654	381	C04-1268	130	C28-3932	383
B70-3344	193	C00-3051	93	C00-6655	381	C04-1270	130	C28-3933	383
B70-3345	193	C00-3124	286	C00-6656	381	C04-1277	130	C28-3934	383
B70-3347	194	C00-3125	286	C00-6657	381	C04-1278	130	C28-3935	383
B70-3349	195	C00-3126	286	C00-6658	381	C04-3950	129	C28-3936	383
B70-3350	197	C00-3493	348	C00-6659	381	C04-3951	129	C28-3937	383
B70-3351	198	C00-3502	286	C00-6660	381	C04-3959	131	C28-3938	383
B70-3352	199	C00-3503	286	C00-6661	381	C04-3960	131	C28-3939	383
B70-4505	198	C00-3504	286	C00-6697	82	C04-3962	131	C28-3940	383
B70-6169	194	C00-3520	346	C00-6700	100	C04-4474	129	C28-3941	383
B70-6553	200	C00-3521	346	C00-6770	102	C04-4476	129	C28-3942	383
B70-6554	200	C00-3522	355	C00-6771	102	C04-4477	129	C28-3943	383
B70-6555	199	C00-3530	92	C00-6772	102	C04-4478	128	C28-3944	383
B70-6556	199	C00-3531	286	C00-6773	102	C04-4722	128	C28-3945	383
B70-6557	199	C00-3532	286	C00-6776	94	C04-4723	128	C28-3946	383
B70-6558	200	C00-3556	356	C00-6777	94	C04-4724	128	C28-3947	383
B70-6563	201	C00-3557	349	C00-6778	94	C04-4725	128	C28-4032	382
B70-6564	201	C00-3617	358	C00-6779	94	C04-4726	128	C28-4904	382
B70-6572	191	C00-3663	357	C00-6785	88	C04-4772	129	C28-6587	380
B70-6917	90	C00-3664	357	C00-6786	88	C04-4773	129	C28-6662	381
B70-8209	194	C00-3665	357	C00-6822	246	C04-4775	129	C28-6663	381

Part No.	Page								
C71-4926	384	C98-5508	22	C98-5598	28	E00-2017	249	E14-6928	208
C71-4927	384	C98-5509	22	C98-5599	28	E00-2018	86	E15-1272	101
C71-4928	384	C98-5510	22	C98-5600	28	E00-2019	245	E15-1276	101
C71-4929	384	C98-5511	22	C98-5601	28	E00-2021	86	E15-1277	101
C71-4930	384	C98-5512	23	C98-5604	29	E00-2026	249	E15-1281	101
C71-4931	384	C98-5513	23	C98-5605	29	E00-3021	237	E21-1421	207
C71-4932	384	C98-5514	23	C98-5606	29	E00-3035	86	E22-6370	226
C71-4933	384	C98-5515	23	C98-5607	29	E00-3504	250	E22-6371	228
C71-4934	384	C98-5516	23	C98-5608	29	E00-3505	205	E22-6373	227
C71-4935	384	C98-5517	23	C98-5609	29	E00-3646	250	E22-6374	292
C71-4936	384	C98-5518	23	C98-5610	29	E00-3649	205	E22-6376	237
C71-4937	384	C98-5519	23	C98-5611	29	E00-3652	205	E22-6386	206
C71-4938	384	C98-5520	23	C98-5612	29	E00-3739	250	E22-6585	222
C71-4939	384	C98-5521	23	C98-5613	29	E00-3740	245	E65-0777	205
C71-4940	384	C98-5522	22	C98-5614	29	E00-3741	245	E65-6632	250
C71-4941	384	C98-5523	22	C98-5615	29	E00-4639	250	E66-1008	237
C71-4942	384	C98-5524	22	C98-5616	29	E00-4742	89	E66-1259	238
C71-4943	384	C98-5525	22	C98-5617	29	E00-4743	88	E66-1325	208
C71-4944	384	C98-5526	22	C98-5618	29	E00-4824	87	E66-3742	238
C71-4945	384	C98-5527	22	C98-5619	30	E00-4825	87	E66-4668	238
C71-6895	379	C98-5528	22	C98-5620	30	E00-4826	88	E66-6891	237
C71-9820	379	C98-5529	22	C98-5621	30	E00-4855	81	E68-1009	120
C71-9821	379	C98-5530	22	C98-5622	30	E00-4856	81	E68-1047	245
C71-9822	379	C98-5531	22	C98-5623	30	E00-4872	248	E68-3002	245
C71-9826	379	C98-5532	22	C98-5624	30	E00-4873	248	E68-3008	245
C71-9827	379	C98-5533	22	C98-5625	30	E00-4874	248	E68-5487	243
C71-9828	379	C98-5534	23	C98-5626	30	E00-4980	244	E68-6809	88
C72-3001	358	C98-5535	23	C98-5627	30	E00-4986	88	E70-4253	204
C72-3535	358	C98-5536	23	C98-5628	30	E00-4987	88	E70-4255	204
C72-3625	370	C98-5537	23	C98-5629	30	E00-4988	94	E70-4257	204
C72-4991	371	C98-5538	23	C98-5630	30	E00-5003	87	E70-4259	204
C72-5885	371	C98-5539	23	C98-5631	30	E00-5004	89	E70-4260	204
C72-7702	370	C98-5540	23	C98-5632	30	E00-5006	244	E70-4265	207
C92-4947	385	C98-5541	23	C98-5633	30	E00-5480	82	E70-4266	204
C92-4948	385	C98-5542	23	C98-5634	30	E00-5853	244	E70-5001	87
C92-4949	385	C98-5543	23	C98-5635	30	E00-5854	244	E70-5002	207
C92-4950	385	C98-5544	24	C98-5636	30	E00-5878	87	E70-5003	87
C92-4951	385	C98-5545	24	C98-5637	30	E00-6124	81	E70-5009	249
C92-4952	385	C98-5546	24	C98-5638	30	E00-6170	86	E70-5010	249
C92-4953	385	C98-5547	24	C98-5639	30	E00-6175	86	E70-5011	249
C92-4954	385	C98-5548	24	C98-5640	30	E00-6176	237	E70-5012	249
C92-4955	385	C98-5549	24	C98-5641	30	E00-6177	244	E70-5013	249
C92-4956	385	C98-5550	24	C98-5642	30	E00-6178	244	E70-5818	249
C92-4957	385	C98-5551	24	C98-5643	31	E00-6411	81	E70-5819	249
C92-4958	385	C98-5552	24	C98-5644	31	E00-6414	86	E70-6114	207
C92-4959	385	C98-5553	24	C98-5645	31	E00-6416	82	E70-6115	207
C92-4960	385	C98-5554	25	C98-5646	31	E00-6419	80	E70-9339	248
C92-4961	385	C98-5555	25	C98-5647	31	E00-6422	87	E70-9579	248
C92-4962	385	C98-5556	25	C98-5679	31	E00-6423	88	E70-9580	248
C92-4963	385	C98-5557	25	C98-5680	31	E00-6426	88	E72-1018	249
C92-4964	385	C98-5558	25	C98-5681	31	E00-6427	88	E72-3007	207
C92-4965	385	C98-5559	25	C98-5682	31	E00-6468	80	E72-5014	249
C92-4966	385	C98-5560	25	C98-5683	31	E00-6510	243	E72-6119	206
C92-4967	385	C98-5561	25	C98-5688	31	E00-6511	243	E72-6782	81
C92-4968	385	C98-5562	25	D15-1266	230	E00-6588	244	E72-7700	171
C92-4969	385	C98-5563	25	D52-1243	231	E00-6589	244	E72-8259	251
C92-5886	385	C98-5564	26	D52-1244	231	E00-6597	238	F00-1041	217
C98-4830	30	C98-5565	26	D52-1252	231	E00-6625	88	F00-1842	217
C98-4831	30	C98-5566	26	D52-1253	231	E00-6626	87	F00-6879	216
C98-4832	30	C98-5567	26	D52-1254	231	E00-6627	87	F01-1097	211
C98-4833	30	C98-5568	26	D52-1255	231	E00-6641	80	F02-3638	212
C98-4834	30	C98-5569	26	D59-1274	231	E00-6670	80	F02-3639	212
C98-4835	30	C98-5570	27	D59-1275	231	E00-6691	81	F02-3640	212
C98-4836	30	C98-5571	27	D70-5007	230	E00-6721	247	F02-3641	212
C98-4837	30	C98-5572	27	D70-6000	230	E00-6861	89	F02-3642	212
C98-4838	30	C98-5573	27	D72-1002	231	E00-6885	89	F02-3644	212
C98-4839	30	C98-5574	27	D72-1003	230	E00-6912	86	F02-3645	212
C98-4840	30	C98-5575	27	D72-1005	230	E00-7700	87	F12-1460	213
C98-4841	30	C98-5576	29	D72-1050	230	E00-7712	86	F14-1457	214
C98-4842	30	C98-5577	29	D72-1287	231	E00-9338	90	F14-3366	212
C98-4843	30	C98-5578	29	E00-0451	81	E00-9341	248	F14-3367	213
C98-4844	30	C98-5579	29	E00-0454	248	E00-9575	88	F14-3368	213
C98-4845	30	C98-5580	29	E00-0469	89	E02-1010	207	F14-3369	213
C98-4846	30	C98-5581	29	E00-0470	243	E12-3354	206	F14-3501	212
C98-4847	30	C98-5582	28	E00-1005	245	E12-3356	206	F51-1329	214
C98-4848	30	C98-5583	28	E00-1017	248	E12-6159	205	F70-4271	217
C98-4849	30	C98-5584	28	E00-1019	248	E12-6160	205	F70-3359	211
C98-4850	30	C98-5585	28	E00-1020	248	E12-6162	205	F70-3360	211
C98-4851	30	C98-5586	28	E00-1021	248	E12-6163	205	F70-4250	210
C98-4852	30	C98-5587	28	E00-1026	250	E12-6164	206	F70-4251	210
C98-4853	30	C98-5588	28	E00-1027	250	E12-6165	206	F70-4252	210
C98-4854	30	C98-5589	28	E00-1031	250	E12-6166	206	F70-4254	210
C98-5500	22	C98-5590	28	E00-1032	248	E12-6167	206	F70-4255	210
C98-5501	22	C98-5591	28	E00-1113	237	E12-6330	81	F70-4257	210
C98-5502	22	C98-5592	28	E00-1180	245	E14-2005	208	F70-4258	210
C98-5503	22	C98-5593	28	E00-1387	250	E14-3358	208	F70-4259	210
C98-5504	22	C98-5594	28	E00-1433	248	E14-6878	208	F70-4260	210
C98-5505	22	C98-5595	28	E00-1434	248	E14-6923	208	F70-4261	210
C98-5506	22	C98-5596	28	E00-1436	248	E14-6926	208	F70-4262	210
C98-5507	22	C98-5597	28	E00-1437	248	E14-6927	208	F70-4265	210
C98-4266	210	F70-4267	210	F70-4268	210	F70-4269	210	F70-4270	210
F70-4271	217	F70-4272	217	F70-4273	217	F70-4274	217	F70-4277	217
F70-4278	217	F70-4279	217	F70-4280	217	F70-4281	218	F70-4282	218
F70-4283	218	F70-4284	218	F70-4285	218	F70-4286	218	F70-4287	210
F70-4288	210	F70-4291	210	F70-4806	210	F70-4812	214	F70-5009	210
F70-5010	258	F70-5011	249	F70-5012	249	F70-5013	249	F70-5014	258
F70-5015	212	F70-5016	212	F70-5017	212	F70-5018	212	F70-5019	212
F70-5020	212	F70-5021	212	F70-5022	212	F70-5023	212	F70-5024	212
F70-5025	212	F70-5026	212	F70-5027	212	F70-5028	212	F70-5029	212
F70-5030	212	F70-5031	212	F70-5032	212	F70-5033	212	F70-5034	212
F70-5035	212	F70-5036	212	F70-5037	212	F70-5038	212	F70-5039	212
F70-5040	212	F70-5041	212	F70-5042	212	F70-5043	212	F70-5044	212
F70-5045	212	F70-5046	212	F70-5047	212	F70-5048	212	F70-5049	212
F70-5050	212	F70-5051	212	F70-5052	212	F70-5053	212	F70-5054	212
F70-5055	212	F70-5056	212	F70-5057	212	F70-5058	212	F70-5059	212
F70-5060	212	F70-5061	212	F70-5062	212	F70-5063	212	F70-5064	212
F70-5065	212	F70-5066	212	F70-5067	212	F70-5068	212	F70-5069	212
F70-5070	212	F70-5071	212	F70-5072	212	F70-5073	212	F70-5074	212
F70-5075	212	F70-5076	212	F70-5077	212	F70-5078	212	F70-5079	212
F70-5080	212	F70-5081	212	F70-5082	212	F70-5083	212	F70-5084	212
F70-5085	212	F70-5086	212	F70-5087	212	F70-5088	212	F70-5089	212
F70-5090	212	F70-5091	212	F70-5092	212	F70-5093	212	F70-5094	212
F70-5095	212	F70-5096	212	F70-5097	212	F70-5098	212	F70-5099	212
F70-5100	212	F70-5101	212	F70-5102	212	F70-5103	212	F70-5104	212
F70-5105	212	F70-5106	212	F70-5107	212	F70-5108	212	F70-5109	212
F70-5110	212	F70-5111	212	F70-5112	212	F70-5113	212	F70-5114	212
F70-5115	212	F70-5116	212	F70-5117	212	F70-5118	212	F70-5119	212
F70-5120	212	F70-5121	212	F70-5122	212	F70-5123	212	F70-5124	212
F70-5125									

Part No.	Page								
H72-1725	209	H87-6502	235	M99-1203	233	N36-6583	215	N77-0538	259
H72-6380	220	H87-6503	235	M99-5489	232	N36-6620	215	N77-0539	259
H72-6382	220	H87-6504	235	M99-5797	279	N36-8161	259	N77-0540	259
H72-6383	220	H87-6505	235	M99-6624	246	N47-1237	257	N77-0541	259
H72-6834	209	H87-6540	235	M99-6820	233	N47-1238	257	N77-0542	259
H72-6835	209	H87-6541	235	M99-6864	233	N47-1239	257	N77-0543	259
H72-6836	209	H87-6542	235	M99-6884	233	N56-1557	226	N77-0544	259
H72-6837	209	H87-6543	235	M99-6914	232	N56-1562	226	N89-4253	237
H72-6838	209	H87-6544	235	M99-6916	232	N63-1009	259	N89-5000	258
H72-6839	209	J04-1200	226	M99-6919	101	N63-1010	259	N89-7700	258
H83-8660	236	J04-1202	226	N00-3011	222	N63-1011	259	P06-3495	227
H83-8661	236	J04-1205	226	N01-1805	226	N63-1012	259	P09-0694	227
H83-8662	236	J04-1249	225	N02-1050	223	N63-1013	259	P09-1039	258
H83-8663	236	J04-4467	81	N02-7002	223	N63-1014	259	P09-1041	258
H83-8664	236	J04-6848	226	N02-7003	223	N63-1015	259	P09-3016	258
H83-8665	236	J27-1000	226	N04-1616	222	N63-1016	259	P09-4737	253
H83-8666	236	J53-1002	224	N09-3520	258	N63-1017	259	P09-4738	254
H83-8667	236	J53-1005	224	N09-3521	258	N63-1018	259	P09-6080	253
H83-8668	236	J53-1012	224	N09-3522	258	N63-1019	259	P09-6128	227
H83-8669	236	J53-1014	224	N12-7957	222	N63-1020	259	P09-6208	254
H83-8670	236	J53-3000	224	N14-3500	151	N63-1021	259	P09-6581	215
H83-8671	236	J53-3001	224	N21-1604	224	N63-1022	259	P09-6582	215
H83-8672	236	J61-1030	224	N36-1118	259	N63-1023	259	P09-6870	253
H83-8673	236	J61-1031	224	N36-1121	259	N63-1024	259	P09-6871	253
H83-8674	236	J61-7865	224	N36-1122	259	N63-1065	256	P09-6873	255
H83-8675	236	J62-3397	225	N36-1123	259	N63-3000	259	P09-6875	254
H83-8676	236	J62-3398	225	N36-1124	259	N63-3001	259	P09-9906	258
H83-8677	236	J62-3399	225	N36-1127	259	N63-3002	259	P14-1000	279
H83-8678	236	J62-3400	225	N36-1129	259	N63-3003	259	P14-1001	279
H83-8679	236	J62-3401	225	N36-1130	259	N63-3004	259	P14-1006	280
H83-8680	236	J62-3402	225	N36-1132	259	N63-3005	259	P33-0758	300
H83-8681	236	J62-3403	225	N36-1136	259	N63-3006	259	P40-1329	279
H83-8682	236	J62-3404	225	N36-1139	259	N63-3007	259	P40-1331	279
H83-8683	236	J62-3405	225	N36-1142	259	N63-3008	259	P40-1333	279
H83-8684	236	J62-6638	225	N36-1143	259	N70-3384	223	P40-1335	279
H83-8685	236	J62-8167	225	N36-1144	259	N70-3385	223	P44-1345	279
H83-8690	236	J62-8168	225	N36-1162	258	N70-3386	223	P44-1347	279
H83-8691	236	J72-1001	224	N36-1163	258	N70-3387	223	P44-1348	279
H83-8692	236	J72-1003	224	N36-1164	258	N70-3388	223	P44-1505	279
H83-8693	236	J72-7864	224	N36-1165	258	N70-3389	223	P44-1506	279
H83-8694	236	J72-9588	224	N36-1166	258	N70-3391	223	P44-7822	279
H83-8695	236	J75-1020	224	N36-1167	258	N70-7868	89	P57-1302	391
H83-8696	236	J75-1021	224	N36-1171	259	N70-7979	223	P57-1303	391
H83-8697	236	K07-1172	228	N36-1172	259	N70-8111	223	P57-6573	278
H83-8698	236	K51-1006	228	N36-1173	259	N72-0001	221	P59-7961	391
H83-8699	236	K51-1007	228	N36-1174	259	N72-1002	221	P59-7962	391
H83-8700	236	K70-3418	227	N36-1175	259	N72-1004	221	P85-4255	280
H83-8701	236	K70-3419	227	N36-1176	259	N72-1005	221	P85-7700	280
H83-8702	236	K70-3420	227	N36-1178	259	N72-1007	221	P85-7701	280
H83-8703	236	K70-5011	227	N36-1180	259	N72-1008	221	P85-7702	280
H83-8704	236	K70-5012	227	N36-1184	259	N72-3378	221	P85-7703	280
H83-8705	236	K70-7869	228	N36-1185	259	N72-3379	221	P85-7820	280
H83-8706	236	K99-3003	228	N36-1186	259	N72-3380	221	P85-7821	280
H83-8707	236	K99-3425	228	N36-1187	259	N72-3381	221	P85-8326	280
H83-8708	236	K99-3426	228	N36-1192	259	N72-3382	221	P88-0018	282
H83-8709	236	K99-3427	228	N36-1196	259	N72-3383	221	P88-1300	282
H83-8710	236	K99-3428	228	N36-1285	256	N72-6375	221	P88-3693	282
H83-8711	236	K99-3429	228	N36-1709	258	N72-6586	221	P88-5000	282
H83-8712	236	K99-3555	228	N36-1710	258	N76-1202	257	P88-5001	282
H83-8713	236	K99-6840	228	N36-1711	258	N76-1203	257	P88-7965	282
H83-8714	236	K99-6841	228	N36-1712	258	N76-1204	257	P88-7966	282
H83-8715	236	K99-6842	228	N36-1713	258	N76-1206	257	P88-9770	282
H87-4469	234	L15-1208	372	N36-1861	259	N76-1208	257	P88-9771	282
H87-4470	234	L15-1209	372	N36-1863	259	N76-1210	257	P88-9772	282
H87-4471	234	L79-1016	372	N36-1865	259	N76-1213	257	P88-9773	282
H87-4472	234	L79-1017	372	N36-1866	259	N76-1214	257	P89-1363	280
H87-4473	234	L79-1052	372	N36-1868	259	N76-1216	257	P89-1364	166
H87-4474	234	L79-1055	372	N36-1869	259	N76-1218	257	P89-1366	166
H87-4475	234	L79-1213	372	N36-1870	259	N76-1219	257	P99-4995	279
H87-4476	234	L79-2044	372	N36-1871	259	N76-1222	257	Q69-0168	46
H87-4477	234	L79-5000	372	N36-1873	259	N76-1225	257	Q69-0169	46
H87-4478	234	L79-5003	372	N36-1874	259	N76-1229	257	Q69-0407	136
H87-4479	234	M14-5489	233	N36-4735	256	N76-1232	257	Q69-0481	136
H87-6480	234	M14-6915	232	N36-4736	256	N76-1236	257	Q69-0482	136
H87-6481	234	M15-3000	230	N36-5005	259	N76-1238	257	Q69-1135	46
H87-6482	234	M15-6568	229	N36-5018	256	N76-1242	257	Q69-1136	46
H87-6483	234	M15-6570	229	N36-5019	256	N76-1246	257	Q69-3883	46
H87-6484	234	M70-0288	233	N36-5020	258	N76-1252	257	Q69-3884	46
H87-6485	234	M70-4252	229	N36-5021	258	N76-1253	257	Q69-4075	136
H87-6486	235	M70-4253	229	N36-5022	258	N76-1255	257	Q69-4080	136
H87-6488	235	M70-6567	229	N36-5024	258	N76-1258	257	Q69-4081	136
H87-6490	235	M70-6846	229	N36-5025	258	N76-1260	257	Q69-4087	138
H87-6494	235	M70-6847	229	N36-5028	256	N76-1266	257	Q69-4088	138
H87-6495	235	M99-1018	229	N36-5029	256	N76-5030	257	Q69-4611	167
H87-6496	235	M99-1059	233	N36-6575	215	N77-0531	259	Q69-4612	167
H87-6497	235	M99-1062	279	N36-6576	215	N77-0532	259	Q69-4613	167
H87-6498	235	M99-1089	279	N36-6577	215	N77-0533	259	Q69-4614	167
H87-6499	235	M99-1200	233	N36-6578	215	N77-0534	259	Q69-4615	167
H87-6500	235	M99-1201	233	N36-6579	215	N77-0535	259	Q69-4616	167
H87-6501	235	M99-1202	104	N36-6580	215	N77-0537	259	Q69-4617	167
								Q69-4618	167
								Q69-4619	167
								Q69-4620	167
								Q69-4621	167
								Q69-4622	167
								Q69-4871	139
								Q69-6729	82
								Q69-6731	82
								Q69-6732	82
								Q69-6735	82
								Q69-6737	82
								Q69-6738	82
								Q69-6741	82
								Q69-6743	82
								Q69-6744	82
								Q69-6745	82
								Q69-6746	82
								Q69-6747	82
								Q69-6748	82
								Q69-8527	139
								Q69-8528	139
								Q69-8563	139
								Q69-8792	136
								Q69-8793	136
								Q69-8797	136
								Q69-8801	136
								Q69-8802	136
								Q69-8870	139
								Q69-8885	139
								Q69-8886	139
								Q69-8887	139
								Q69-8963	139
								Q69-8967	139
								Q69-8971	139
								Q69-8975	139
								Q69-9469	139
								Q69-9501	139
								Q69-9534	46
								Q69-9535	46
								Q69-9536	137
								Q69-9537	137
								Q69-9538	137
								Q69-9539	137
								Q69-9555	137
								Q69-9556	47
								Q69-9565	47
								Q69-9566	47

Part No.	Page								
R02-2252	389	R02-8355	386	R99-1217	391	S00-1400	375	S00-4169	260
R02-2253	389	R02-8356	386	R99-1221	391	S00-1401	375	S00-4239	263
R02-2254	389	R02-8357	386	R99-1222	391	S00-1402	375	S00-4250	262
R02-2255	389	R02-8359	386	R99-1251	392	S00-1403	375	S00-4255	260
R02-2256	389	R02-8360	386	R99-3263	399	S00-1404	375	S00-4256	260
R02-2257	389	R02-8361	386	R99-3267	399	S00-1405	375	S00-4257	260
R02-2258	389	R02-8362	162	R99-3268	399	S00-1406	375	S00-4262	266
R02-2259	389	R02-8363	162	R99-6590	392	S00-1407	375	S00-4263	216
R02-2265	388	R02-9010	162	R99-7700	391	S00-1410	392	S00-4264	264
R02-2266	388	R02-9011	162	R99-7896	391	S00-1445	295	S00-4276	330
R02-2267	388	R02-9012	162	R99-9439	100	S00-1451	297	S00-4279	260
R02-2276	386	R02-9013	162	S00-0004	296	S00-1462	272	S00-4280	260
R02-2277	386	R02-9014	162	S00-0005	331	S00-1466	273	S00-4427	330
R02-2279	166	R02-9883	386	S00-0621	266	S00-1469	281	S00-4565	264
R02-2280	166	R02-9884	386	S00-0660	299	S00-1470	276	S00-4729	276
R02-2281	166	R02-9885	386	S00-0661	299	S00-1474	260	S00-4744	264
R02-2282	166	R06-1147	169	S00-0662	299	S00-1475	260	S00-4864	265
R02-2413	375	R06-1148	169	S00-0679	299	S00-1478	260	S00-4876	275
R02-2414	375	R06-2295	169	S00-0680	299	S00-1481	260	S00-5000	284
R02-2415	375	R06-2296	169	S00-0693	273	S00-1486	262	S00-5002	291
R02-2416	375	R06-3885	169	S00-0695	281	S00-1487	262	S00-5003	291
R02-2417	375	R06-3886	169	S00-0763	296	S00-1492	262	S00-5013	284
R02-2418	375	R06-3887	169	S00-0764	296	S00-3000	331	S00-5016	266
R02-2419	375	R06-3888	169	S00-0765	296	S00-3001	331	S00-5017	266
R02-2420	162	R06-3889	169	S00-1071	330	S00-3005	264	S00-5018	266
R02-2421	162	R06-3890	169	S00-1072	330	S00-3017	260	S00-5020	266
R02-2422	162	R06-3891	169	S00-1159	264	S00-3018	260	S00-5021	266
R02-2423	375	R06-3892	169	S00-1160	264	S00-3031	330	S00-5022	266
R02-3395	390	R06-3893	169	S00-1170	264	S00-3032	300	S00-5023	266
R02-3396	390	R06-3894	169	S00-1171	264	S00-3035	260	S00-5024	266
R02-4247	162	R06-3895	169	S00-1172	264	S00-3055	260	S00-5025	266
R02-4248	162	R06-3896	170	S00-1177	281	S00-3056	260	S00-5229	288
R02-4802	375	R06-3897	170	S00-1186	262	S00-3057	260	S00-5598	265
R02-7002	377	R06-3898	170	S00-1187	262	S00-3058	260	S00-5600	295
R02-7003	377	R06-7000	169	S00-1189	262	S00-3068	317	S00-5601	295
R02-7005	162	R06-7001	169	S00-1190	262	S00-3290	316	S00-5602	295
R02-7006	162	R07-0401	170	S00-1191	273	S00-3291	316	S00-5603	295
R02-7007	162	R07-0402	170	S00-1200	285	S00-3292	316	S00-5604	295
R02-7020	171	R07-0403	170	S00-1203	321	S00-3293	316	S00-5605	295
R02-7021	171	R07-2213	387	S00-1204	321	S00-3294	316	S00-5606	295
R02-7022	171	R07-2214	387	S00-1205	321	S00-3295	316	S00-5620	376
R02-7023	171	R07-2215	387	S00-1206	321	S00-3296	316	S00-5621	376
R02-7024	171	R07-2216	387	S00-1209	268	S00-3297	316	S00-5622	376
R02-7025	171	R07-2217	387	S00-1210	269	S00-3298	316	S00-5623	376
R02-7026	171	R07-2218	387	S00-1211	267	S00-3299	316	S00-5624	376
R02-7027	171	R07-2219	387	S00-1213	267	S00-3300	316	S00-5625	376
R02-7028	171	R07-2220	387	S00-1215	268	S00-3301	316	S00-5626	376
R02-7029	93	R07-2224	387	S00-1220	269	S00-3302	316	S00-5627	376
R02-7030	93	R07-2225	387	S00-1221	269	S00-3303	316	S00-5628	376
R02-7000	390	R07-2226	387	S00-1222	272	S00-3304	316	S00-5629	376
R02-7702	390	R07-2227	387	S00-1223	287	S00-3305	316	S00-5630	376
R02-7704	162	R07-2229	387	S00-1224	273	S00-3306	316	S00-5631	376
R02-7705	162	R07-2230	387	S00-1226	263	S00-3307	316	S00-5633	376
R02-7706	162	R07-2231	387	S00-1228	267	S00-3308	316	S00-5634	376
R02-7707	162	R07-2232	387	S00-1231	272	S00-3309	316	S00-5635	376
R02-7708	162	R07-2233	387	S00-1232	267	S00-3310	316	S00-5636	376
R02-7709	166	R07-2234	387	S00-1233	267	S00-3311	316	S00-5637	376
R02-7710	166	R07-2235	387	S00-1234	271	S00-3312	316	S00-5645	265
R02-7711	166	R07-2236	387	S00-1235	267	S00-3313	316	S00-5646	265
R02-7712	166	R07-2237	387	S00-1236	267	S00-3496	299	S00-5796	285
R02-7713	166	R07-2238	387	S00-1237	288	S00-3497	299	S00-5979	247
R02-7714	166	R07-7816	388	S00-1238	288	S00-3498	299	S00-6087	265
R02-7715	166	R07-7817	388	S00-1239	285	S00-3499	299	S00-6088	300
R02-7716	166	R07-7818	388	S00-1240	288	S00-3503	263	S00-6089	265
R02-7820	389	R07-7819	388	S00-1241	288	S00-3544	125	S00-6123	265
R02-7821	389	R07-9887	170	S00-1250	272	S00-3573	275	S00-6173	284
R02-7822	389	R07-9888	170	S00-1251	276	S00-3574	275	S00-6417	292
R02-7823	389	R07-9889	170	S00-1252	273	S00-3575	331	S00-6551	273
R02-7824	389	R16-1071	272	S00-1253	260	S00-3590	316	S00-6552	273
R02-7825	389	R51-0456	377	S00-1254	260	S00-3591	316	S00-6671	228
R02-7969	390	R51-0457	377	S00-1255	260	S00-3600	276	S00-6702	274
R02-8336	386	R51-8450	377	S00-1259	263	S00-3618	299	S00-6710	275
R02-8337	386	R51-8451	377	S00-1264	272	S00-3619	299	S00-6711	275
R02-8338	386	R51-8452	377	S00-1352	316	S00-3620	299	S00-6712	275
R02-8339	386	R70-7850	391	S00-1355	316	S00-3621	299	S00-6713	275
R02-8340	386	R72-1007	272	S00-1356	316	S00-3622	299	S00-6714	275
R02-8341	386	R83-1053	272	S00-1358	316	S00-3623	299	S00-6715	275
R02-8342	386	R83-1054	272	S00-1368	316	S00-3624	299	S00-6716	275
R02-8343	386	R83-1055	272	S00-1369	316	S00-3626	292	S00-6725	265
R02-8344	386	R90-3003	391	S00-1370	316	S00-3627	292	S00-6749	274
R02-8345	386	R90-7890	146	S00-1371	316	S00-3631	330	S00-6750	274
R02-8346	386	R90-7891	146	S00-1372	316	S00-3676	266	S00-6764	286
R02-8347	386	R99-1171	391	S00-1373	316	S00-3677	266	S00-6780	275
R02-8348	386	R99-1180	391	S00-1374	316	S00-3678	267	S00-6781	275
R02-8349	386	R99-1210	390	S00-1380	317	S00-3698	332	S00-6929	287
R02-8350	386	R99-1211	390	S00-1381	317	S00-3749	263	S00-6930	287
R02-8351	386	R99-1212	390	S00-1382	317	S00-4109	332	S00-6952	274
R02-8352	386	R99-1213	390	S00-1390	297	S00-4020	332	S00-7703	375
R02-8353	386	R99-1215	390	S00-1391	297	S00-4167	260	S00-7704	375
R02-8354	386	R99-1216	390	S00-1392	297	S00-4168	260	S00-7705	375



Part No.	Page										
S03-6600	284	S82-8446	292	S83-0838	386	S83-0993	307	S83-2776	318	S83-2966	378
S03-6601	284	S82-8447	292	S83-0839	247	S83-0997	330	S83-2777	308	S83-2967	378
S03-6604	317	S82-8448	292	S83-0841	333	S83-0998	311	S83-2778	329	S83-2968	378
S03-6605	317	S83-0698	300	S83-0843	270	S83-1446	314	S83-2779	329	S83-2969	378
S03-6606	317	S83-0699	276	S83-0845	206	S83-1505	314	S83-2780	329	S83-2970	378
S03-6607	317	S83-0700	276	S83-0850	305	S83-2627	318	S83-2781	329	S83-2971	378
S03-6608	317	S83-0701	276	S83-0851	335	S83-2630	321	S83-2782	309	S83-2972	378
S03-6609	290	S83-0702	276	S83-0853	374	S83-2631	321	S83-2783	309	S83-2973	378
S03-6610	290	S83-0703	354	S83-0854	332	S83-2632	321	S83-2784	309	S83-2974	378
S03-6611	289	S83-0704	354	S83-0856	311	S83-2633	321	S83-2785	309	S83-2975	378
S03-6612	289	S83-0705	354	S83-0857	386	S83-2634	321	S83-2786	309	S83-2976	378
S03-6613	291	S83-0706	354	S83-0858	387	S83-2635	321	S83-2787	309	S83-2977	378
S03-6614	291	S83-0708	277	S83-0859	387	S83-2636	321	S83-2788	309	S83-2979	271
S03-6615	291	S83-0709	326	S83-0860	211	S83-2637	321	S83-2795	329	S83-2980	270
S03-7715	316	S83-0710	277	S83-0861	211	S83-2638	318	S83-2796	329	S83-2982	271
S09-9472	266	S83-0711	314	S83-0862	302	S83-2644	288	S83-2797	329	S83-2983	277
S09-9473	266	S83-0712	314	S83-0863	303	S83-2645	288	S83-2833	337	S83-2984	277
S09-9474	266	S83-0713	314	S83-0864	303	S83-2646	319	S83-2834	337	S83-2985	277
S09-9475	266	S83-0714	314	S83-0865	318	S83-2649	252	S83-2835	339	S83-2986	277
S09-9476	266	S83-0715	314	S83-0866	318	S83-2652	252	S83-2836	338	S83-2987	277
S14-1411	297	S83-0716	314	S83-0867	318	S83-2653	304	S83-2837	338	S83-2988	277
S14-1412	294	S83-0717	314	S83-0870	209	S83-2659	332	S83-2838	338	S83-2989	277
S14-1415	294	S83-0718	315	S83-0873	209	S83-2660	332	S83-2839	338	S83-2990	303
S14-3437	294	S83-0719	315	S83-0874	247	S83-2661	332	S83-2840	338	S83-2991	304
S14-3438	294	S83-0720	315	S83-0875	209	S83-2662	320	S83-2841	305	S83-2993	310
S14-3439	294	S83-0721	315	S83-0878	197	S83-2663	320	S83-2842	305	S83-2994	310
S14-3440	294	S83-0722	315	S83-0879	302	S83-2665	326	S83-2848	335	S83-2995	310
S14-3675	294	S83-0723	311	S83-0880	321	S83-2666	326	S83-2849	335	S83-2996	305
S26-0294	278	S83-0724	320	S83-0882	321	S83-2667	326	S83-2850	335	S83-2997	308
S26-0299	294	S83-0725	320	S83-0883	321	S83-2668	369	S83-2857	311	S83-3119	269
S26-1065	293	S83-0726	320	S83-0885	304	S83-2669	369	S83-2858	311	S83-3127	378
S26-1066	295	S83-0727	320	S83-0886	374	S83-2670	369	S83-2859	335	S83-3128	378
S26-1069	293	S83-0728	320	S83-0887	298	S83-2671	369	S83-2860	335	S83-3129	378
S26-1070	295	S83-0730	320	S83-0888	298	S83-2672	312	S83-2861	335	S83-3130	378
S26-1078	294	S83-0731	320	S83-0889	298	S83-2673	337	S83-2862	335	S83-3131	378
S26-1080	294	S83-0733	320	S83-0890	298	S83-2674	355	S83-2863	335	S83-3132	378
S26-1332	293	S83-0734	320	S83-0894	272	S83-2675	312	S83-2864	335	S83-3133	378
S26-1333	293	S83-0735	320	S83-0896	374	S83-2676	314	S83-2865	312	S83-3134	378
S26-1334	293	S83-0736	303	S83-0898	390	S83-2677	303	S83-2866	312	S83-3135	378
S26-1335	293	S83-0737	302	S83-0899	390	S83-2678	334	S83-2868	312	S83-3136	378
S26-3435	294	S83-0739	271	S83-0900	390	S83-2680	333	S83-2869	329	S83-3137	378
S26-3436	295	S83-0740	270	S83-0901	308	S83-2681	333	S83-2899	270	S83-3138	378
S26-3573	293	S83-0744	230	S83-0902	311	S83-2682	334	S83-2900	271	S83-3139	378
S26-3574	295	S83-0745	209	S83-0903	311	S83-2683	333	S83-2914	390	S83-3140	378
S26-3674	293	S83-0747	222	S83-0904	374	S83-2684	333	S83-2915	390	S83-3141	378
S26-3685	281	S83-0754	278	S83-0905	334	S83-2685	307	S83-2916	392	S83-3142	378
S26-3688	281	S83-0765	305	S83-0906	334	S83-2686	307	S83-2918	379	S83-3143	378
S26-3689	281	S83-0767	324	S83-0907	335	S83-2687	270	S83-2919	379	S83-3144	378
S26-3690	281	S83-0768	304	S83-0908	335	S83-2688	270	S83-2923	392	S83-3145	378
S26-3691	281	S83-0770	288	S83-0912	243	S83-2691	318	S83-2924	379	S83-3146	378
S26-3692	281	S83-0771	288	S83-0914	243	S83-2692	262	S83-2925	379	S83-3147	378
S26-4745	295	S83-0775	230	S83-0915	243	S83-2693	223	S83-2927	387	S83-3148	378
S26-4814	278	S83-0776	314	S83-0918	303	S83-2698	266	S83-2928	387	S83-3149	378
S26-4823	293	S83-0777	315	S83-0919	303	S83-2699	266	S83-2929	374	S83-3150	378
S26-5858	295	S83-0778	315	S83-0920	302	S83-2700	325	S83-2930	374	S83-3151	378
S26-5924	293	S83-0779	315	S83-0921	302	S83-2703	374	S83-2931	378	S83-3152	378
S26-5925	293	S83-0780	315	S83-0922	273	S83-2704	374	S83-2932	378	S83-3153	378
S26-5927	293	S83-0781	307	S83-0925	307	S83-2708	343	S83-2933	378	S83-3154	378
S26-6623	293	S83-0782	306	S83-0932	303	S83-2709	343	S83-2934	378	S83-3155	378
S26-6931	293	S83-0783	275	S83-0933	355	S83-2712	337	S83-2935	378	S83-3156	378
S26-6932	293	S83-0785	325	S83-0934	319	S83-2715	252	S83-2936	378	S83-3157	378
S26-6938	295	S83-0786	325	S83-0936	307	S83-2716	337	S83-2937	378	S83-3158	378
S26-6939	295	S83-0787	302	S83-0937	319	S83-2717	337	S83-2938	378	S83-3159	378
S26-6940	295	S83-0788	302	S83-0940	307	S83-2718	304	S83-2939	378	S83-3160	378
S26-6941	295	S83-0789	304	S83-0941	231	S83-2719	304	S83-2940	378	S83-3161	378
S26-6942	295	S83-0801	278	S83-0942	325	S83-2722	305	S83-2941	378	S83-3162	378
S26-6943	295	S83-0802	278	S83-0943	337	S83-2723	308	S83-2942	378	S83-3163	312
S26-6944	294	S83-0804	331	S83-0944	312	S83-2724	308	S83-2943	378	S83-3164	305
S26-6945	294	S83-0805	307	S83-0945	374	S83-2735	310	S83-2944	378	S83-3165	305
S26-6946	297	S83-0806	304	S83-0948	379	S83-2736	310	S83-2945	378	S83-3177	209
S26-6947	297	S83-0807	353	S83-0950	307	S83-2737	310	S83-2946	378	S83-3179	319
S26-7854	295	S83-0808	353	S83-0952	87	S83-2744	309	S83-2947	378	S83-3180	318
S26-7927	293	S83-0809	353	S83-0954	335	S83-2745	309	S83-2948	378	S83-3183	273
S26-7972	293	S83-0810	353	S83-0955	335	S83-2746	308	S83-2949	378	S83-3185	298
S50-0656	298	S83-0811	353	S83-0956	319	S83-2747	308	S83-2950	378	S83-3186	354
S50-0657	298	S83-0812	334	S83-0957	320	S83-2748	338	S83-2951	378	S83-3187	325
S57-1107	292	S83-0813	334	S83-0959	333	S83-2749	339	S83-2952	378	S83-3188	325
S57-1108	292	S83-0822	211	S83-0960	379	S83-2750	339	S83-2953	378	S83-3189	321
S57-1109	292	S83-0823	211	S83-0963	302	S83-2758	310	S83-2954	378	S83-3190	321
S57-1110	292	S83-0824	211	S83-0966	332	S83-2759	339	S83-2955	378	S83-3192	321
S57-1111	292	S83-0825	211	S83-0967	334	S83-2760	336	S83-2956	378	S83-3193	321
S57-1112	292	S83-0826	211	S83-0970	329	S83-2761	336	S83-2957	378	S83-3194	321
S57-3005	375	S83-0827	211	S83-0981	271	S83-2762	336	S83-2958	378	S83-3195	321
S57-4157	292	S83-0828	211	S83-0982	270	S83-2763	336	S83-2959	378	S83-3196	321
S57-4158	292	S83-0829	211	S83-0985	288	S83-2764	336	S83-2960	378	S83-3197	324
S70-5005	292	S83-0830	211	S83-0986	288	S83-2765	336	S83-2961	378	S83-3198	324
S70-5007	222	S83-0831	211	S83-0987	319	S83-2766	336	S83-2962	378	S83-3199	324
S72-1000	230	S83-0832	391	S83-0989	270	S83-2767	312	S83-2963	378	S83-3200	324
S72-1269	230	S83-0834	308	S83-0990	271	S83-2774	306	S83-2964	378	S83-3201	324
S82-8445	292	S83-0836	390	S83-0991	271	S83-2775	306	S83-2965	378	S83-3202	324

Part No.	Page										
S83-3203	328	S83-3908	374	T70-0108	51	T70-0217	57	T70-0326	58	T70-2236	51
S83-3204	328	S83-3909	374	T70-0109	51	T70-0219	57	T70-0327	58	T70-2237	51
S83-3205	328	S83-3910	374	T70-0110	51	T70-0220	57	T70-0328	58	T70-2238	51
S83-3206	328	S83-3949	298	T70-0111	51	T70-0221	57	T70-0329	58	T70-2239	51
S83-3207	328	S83-4034	298	T70-0112	51	T70-0222	57	T70-0330	58	T70-2245	51
S83-3208	328	S83-4035	298	T70-0114	52	T70-0223	57	T70-0331	58	T70-2246	51
S83-3209	328	S83-4036	298	T70-0115	52	T70-0224	57	T70-0332	58	T70-2247	51
S83-3210	328	S83-4040	332	T70-0116	52	T70-0225	57	T70-0333	58	T70-2248	51
S83-3211	328	S83-4060	318	T70-0117	53	T70-0226	57	T70-0334	58	T70-2249	51
S83-3212	328	S83-4246	247	T70-0118	53	T70-0227	57	T70-0335	58	T70-2250	137
S83-3213	328	S83-4688	285	T70-0119	53	T70-0229	57	T70-0336	58	T70-2251	137
S83-3214	328	S83-4742	343	T70-0120	53	T70-0230	57	T70-0337	58	T70-2252	55
S83-3215	328	S83-4801	379	T70-0121	53	T70-0231	57	T70-0338	58	T70-2253	55
S83-3216	328	S83-4815	278	T70-0122	53	T70-0232	57	T70-0349	122	T70-2254	137
S83-3217	328	S83-4816	81	T70-0123	53	T70-0235	59	T70-0351	122	T70-2255	137
S83-3218	328	S83-4867	320	T70-0124	53	T70-0236	59	T70-0352	121	T70-2256	55
S83-3219	328	S83-4869	320	T70-0125	53	T70-0237	59	T70-0353	121	T70-2261	52
S83-3220	328	S83-5974	274	T70-0126	53	T70-0238	59	T70-0354	121	T70-2265	51
S83-3221	333	S83-6189	82	T70-0127	53	T70-0239	59	T70-0355	121	T70-2266	51
S83-3222	334	S83-6198	81	T70-0128	53	T70-0240	59	T70-0356	121	T70-2267	51
S83-3224	338	S83-6621	276	T70-0129	53	T70-0241	59	T70-0357	121	T70-2292	53
S83-3226	339	S83-6675	327	T70-0130	53	T70-0242	59	T70-0358	121	T70-2293	53
S83-3227	335	S83-6676	327	T70-0131	53	T70-0243	59	T70-0359	121	T70-2294	53
S83-3231	336	S83-6677	327	T70-0132	54	T70-0244	59	T70-0360	121	T70-2295	53
S83-3232	336	S83-6678	327	T70-0133	54	T70-0245	59	T70-0361	121	T70-2296	53
S83-3233	337	S83-6679	327	T70-0134	54	T70-0246	59	T70-0362	121	T70-2297	53
S83-3242	310	S83-6680	327	T70-0136	54	T70-0247	59	T70-0366	125	T70-2298	53
S83-3243	310	S83-6787	80	T70-0138	54	T70-0248	59	T70-0367	125	T70-2299	53
S83-3244	310	S83-6910	80	T70-0140	54	T70-0249	59	T70-0467	120	T70-2300	53
S83-3245	310	S83-6911	80	T70-0141	54	T70-0250	59	T70-0526	52	T70-2301	53
S83-3246	310	S99-1086	297	T70-0142	54	T70-0251	59	T70-0527	52	T70-2302	52
S83-3248	339	S99-1110	263	T70-0143	54	T70-0252	59	T70-0528	52	T70-2303	52
S83-3249	277	S99-1111	263	T70-0145	55	T70-0253	59	T70-0530	121	T70-2304	52
S83-3252	339	S99-1472	263	T70-0146	55	T70-0254	59	T70-0623	375	T70-2305	52
S83-3271	390	S99-3010	231	T70-0147	55	T70-0255	59	T70-0759	45	T70-2306	52
S83-3274	390	S99-3013	231	T70-0148	55	T70-0256	59	T70-1129	39	T70-2307	53
S83-3275	390	S99-3015	297	T70-0149	55	T70-0257	59	T70-1130	39	T70-2308	53
S83-3277	390	S99-4275	296	T70-0150	55	T70-0258	59	T70-1215	155	T70-2309	53
S83-3280	390	S99-4285	296	T70-0151	55	T70-0259	59	T70-1216	156	T70-2310	53
S83-3281	390	S99-4286	296	T70-0152	55	T70-0260	59	T70-1217	156	T70-2311	53
S83-3287	390	S99-4486	297	T70-0153	55	T70-0261	59	T70-1218	156	T70-2317	52
S83-3288	390	S99-4487	297	T70-0154	55	T70-0262	59	T70-1219	156	T70-2318	52
S83-3289	390	S99-4488	297	T70-0155	56	T70-0263	59	T70-1221	156	T70-2319	52
S83-3314	268	S99-4489	297	T70-0156	56	T70-0264	59	T70-1222	156	T70-2320	52
S83-3315	268	S99-4490	297	T70-0157	56	T70-0265	59	T70-1223	156	T70-2321	52
S83-3316	268	S99-7700	296	T70-0158	56	T70-0266	59	T70-1225	153	T70-2322	52
S83-3317	268	S99-7701	296	T70-0159	56	T70-0267	59	T70-1265	165	T70-2323	52
S83-3318	268	T70-0007	122	T70-0160	56	T70-0268	59	T70-2166	165	T70-2326	52
S83-3320	269	T70-0008	122	T70-0161	56	T70-0269	59	T70-2167	165	T70-2327	52
S83-3321	269	T70-0009	165	T70-0162	56	T70-0270	59	T70-2168	165	T70-2329	125
S83-3322	269	T70-0019	46	T70-0163	56	T70-0271	59	T70-2169	39	T70-2334	51
S83-3323	269	T70-0035	121	T70-0164	56	T70-0272	59	T70-2172	36	T70-2335	51
S83-3324	269	T70-0051	123	T70-0165	56	T70-0273	59	T70-2177	46	T70-2336	51
S83-3325	269	T70-0052	123	T70-0166	56	T70-0274	59	T70-2178	46	T70-2340	52
S83-3326	269	T70-0054	123	T70-0167	56	T70-0275	59	T70-2179	46	T70-2341	52
S83-3327	271	T70-0061	45	T70-0170	45	T70-0276	59	T70-2180	46	T70-2366	19
S83-3328	271	T70-0062	45	T70-0171	45	T70-0277	59	T70-2184	47	T70-2367	19
S83-3329	271	T70-0064	46	T70-0172	45	T70-0278	59	T70-2185	47	T70-2368	18
S83-3330	318	T70-0065	46	T70-0173	45	T70-0279	59	T70-2188	39	T70-2369	18
S83-3331	318	T70-0071	51	T70-0174	45	T70-0280	59	T70-2189	39	T70-2370	19
S83-3332	318	T70-0072	51	T70-0175	45	T70-0281	59	T70-2192	40	T70-2372	19
S83-3333	318	T70-0073	51	T70-0183	57	T70-0282	59	T70-2194	123	T70-2383	19
S83-3478	300	T70-0074	51	T70-0184	57	T70-0283	59	T70-2195	123	T70-2406	19
S83-3543	321	T70-0075	51	T70-0185	57	T70-0284	59	T70-2196	123	T70-2407	19
S83-3630	326	T70-0076	51	T70-0186	57	T70-0285	59	T70-2197	123	T70-2408	19
S83-3632	343	T70-0077	51	T70-0187	57	T70-0286	59	T70-2198	123	T70-2409	19
S83-3633	343	T70-0078	51	T70-0189	57	T70-0287	59	T70-2199	123	T70-2410	19
S83-3634	343	T70-0079	51	T70-0190	57	T70-0288	59	T70-2200	123	T70-2411	19
S83-3635	343	T70-0080	51	T70-0191	57	T70-0289	55	T70-2201	123	T70-2412	19
S83-3636	343	T70-0081	52	T70-0192	57	T70-0290	55	T70-2202	123	T70-2428	19
S83-3637	343	T70-0082	52	T70-0194	57	T70-0306	58	T70-2203	121	T70-2479	135
S83-3658	390	T70-0083	52	T70-0195	57	T70-0307	58	T70-2204	121	T70-2480	135
S83-3659	355	T70-0084	52	T70-0196	57	T70-0308	58	T70-2205	121	T70-2481	135
S83-3661	355	T70-0085	52	T70-0197	57	T70-0309	58	T70-2206	121	T70-2483	135
S83-3662	355	T70-0088	52	T70-0199	57	T70-0310	58	T70-2207	121	T70-2485	135
S83-3679	267	T70-0089	52	T70-0200	57	T70-0311	58	T70-2208	120	T70-2486	19
S83-3680	272	T70-0090	52	T70-0201	57	T70-0312	58	T70-2210	124	T70-2487	19
S83-3681	278	T70-0091	52	T70-0202	57	T70-0313	58	T70-2211	124	T70-2488	19
S83-3682	278	T70-0092	52	T70-0203	57	T70-0314	58	T70-2212	124	T70-2508	19
S83-3695	329	T70-0093	52	T70-0204	57	T70-0315	58	T70-2214	120	T70-2509	124
S83-3696	326	T70-0094	52	T70-0205	57	T70-0316	58	T70-2215	124	T70-2510	125
S83-3785	369	T70-0097	51	T70-0206	57	T70-0317	58	T70-2217	40	T70-2511	125
S83-3786	369	T70-0098	51	T70-0207	57	T70-0318	58	T70-2218	40	T70-2512	125
S83-3899	374	T70-0099	51	T70-0209	57	T70-0319	58	T70-2219	40	T70-2513	40
S83-3900	374	T70-0100	51	T70-0210	57	T70-0320	58	T70-2225	52	T70-2514	40
S83-3901	374	T70-0101	51	T70-0211	57	T70-0321	58	T70-2226	52	T70-2515	40
S83-3902	374	T70-0102	51	T70-0212	57	T70-0322	58	T70-2227	52	T70-2516	40
S83-3903	374	T70-0103	51	T70-0214	57	T70-0323	58	T70-2228	52	T70-2518	124
S83-3904	374	T70-0106	51	T70-0215	57	T70-0324	58	T70-2229	52	T70-2519	124
S83-3907	374	T70-0107	51	T70-0216	57	T70-0325	58	T70-2235	51	T70-2522	125

Part No.	Page										
T70-2523	125	T70-5353	40	T70-5712	40	T70-6799	45	T98-0627	14	V01-1075	150
T70-2525	124	T70-5354	40	T70-5713	40	T70-6800	45	T98-0628	12	V01-1076	150
T70-2527	124	T70-5355	40	T70-5714	40	T70-6801	45	T98-0629	12	V01-1077	150
T70-2528	124	T70-5361	40	T70-5715	40	T70-6802	45	T98-0630	12	V01-1078	150
T70-2529	123	T70-5362	40	T70-5716	40	T70-6803	45	T98-0631	13	V01-1079	150
T70-2531	124	T70-5363	40	T70-5717	40	T70-6804	45	T98-0632	13	V01-1080	150
T70-2532	156	T70-5369	40	T70-5718	40	T70-6805	45	T98-0633	13	V01-1081	150
T70-2533	156	T70-5370	40	T70-5719	40	T70-6806	45	T98-0639	16	V01-1082	150
T70-2534	156	T70-5371	40	T70-5720	40	T70-6807	45	T98-0640	16	V01-1083	150
T70-2561	55	T70-5377	40	T70-5721	40	T70-6808	45	T98-0642	17	V01-1084	150
T70-2564	19	T70-5378	40	T70-5722	40	T70-6810	34	T98-0643	17	V01-1085	150
T70-2565	19	T70-5379	40	T70-5723	40	T70-6811	34	T98-0644	17	V01-1086	150
T70-2566	165	T70-5382	18	T70-5724	40	T70-6812	34	T98-0645	11	V01-1087	150
T70-2567	165	T70-5383	19	T70-5725	40	T70-6813	34	T98-0646	11	V01-1088	150
T70-2568	40	T70-5405	45	T70-5726	40	T70-6814	34	T98-0647	11	V01-1089	150
T70-2569	40	T70-5406	45	T70-5727	40	T70-6815	34	T98-0649	10	V01-1090	150
T70-2570	40	T70-5412	45	T70-5728	40	T70-6816	34	T98-0656	16	V01-1091	150
T70-2571	40	T70-5413	45	T70-5729	40	T70-6817	34	T98-0657	16	V01-1092	150
T70-2572	40	T70-5419	45	T70-5730	40	T70-6819	35	T98-2878	11	V01-1093	150
T70-2573	156	T70-5420	45	T70-5731	40	T70-6821	40	T98-2879	11	V01-1094	150
T70-2574	156	T70-5426	45	T70-5732	40	T70-6900	35	T98-2891	11	V01-1095	150
T70-2575	156	T70-5427	45	T70-5733	40	T70-6901	42	T98-3254	15	V01-1096	150
T70-2576	156	T70-5433	45	T70-5734	40	T70-6902	42	T98-3255	15	V01-1097	150
T70-2577	156	T70-5434	45	T70-5735	40	T70-6903	42	T98-3256	17	V01-1100	150
T70-2578	156	T70-5440	45	T70-5736	40	T70-6904	42	T98-4054	14	V01-1101	150
T70-2580	56	T70-5441	45	T70-5737	40	T70-6905	42	T98-4055	14	V01-1102	150
T70-2593	56	T70-5447	45	T70-5738	40	T70-6906	42	T98-4056	14	V01-1103	150
T70-2594	56	T70-5448	45	T70-5739	40	T70-6907	42	T98-4057	14	V01-1104	150
T70-2595	56	T70-5454	45	T70-5740	40	T70-6908	42	T98-4058	14	V01-1105	150
T70-2598	56	T70-5455	45	T70-5845	39	T70-6909	42	T98-4059	14	V01-1106	150
T70-2599	56	T70-5456	45	T70-5922	13	T70-9480	21	T98-4060	14	V01-1107	150
T70-2600	56	T70-5457	45	T70-6020	45	T70-9481	21	T98-4061	16	V01-1141	165
T70-2601	56	T70-5458	45	T70-6021	45	T70-9482	21	T98-4062	16	V01-1153	151
T70-2602	56	T70-5459	45	T70-6022	45	T70-9485	21	T98-4063	10	V01-1154	151
T70-2603	121	T70-5485	45	T70-6023	45	T70-9486	21	T98-4064	16	V01-1155	151
T70-2604	121	T70-5486	123	T70-6024	45	T70-9487	21	T98-4065	16	V01-1156	151
T70-2605	121	T70-5488	123	T70-6025	45	T70-9731	35	T98-4066	15	V01-1157	151
T70-2608	125	T70-5500	51	T70-6026	45	T70-9732	35	T98-4241	10	V01-1158	151
T70-2610	124	T70-5501	51	T70-6027	45	T70-9872	13	T98-4242	10	V01-1159	151
T70-2611	124	T70-5502	51	T70-6028	45	T70-9879	13	T98-4243	10	V01-1160	151
T70-2877	246	T70-5503	51	T70-6029	45	T70-9957	245	T98-4244	10	V01-1161	151
T70-3976	38	T70-5504	51	T70-6030	45	T77-0042	123	T98-4492	14	V01-1162	151
T70-3977	44	T70-5505	51	T70-6031	45	T77-0821	37	T98-4493	14	V01-1163	151
T70-4196	35	T70-5506	51	T70-6032	45	T77-2170	36	T98-4494	14	V01-1164	151
T70-4206	40	T70-5507	51	T70-6033	45	T77-2171	36	T98-4495	14	V01-1165	151
T70-4210	50	T70-5508	51	T70-6034	45	T77-2172	36	T98-4496	14	V01-1166	151
T70-4211	50	T70-5509	51	T70-6035	45	T77-2173	37	T98-4497	14	V01-1167	151
T70-4212	50	T70-5515	51	T70-6036	45	T77-2183	123	T98-4498	14	V01-1168	151
T70-4213	50	T70-5516	51	T70-6037	45	T77-4193	43	T98-4499	14	V01-1169	151
T70-4214	50	T70-5517	51	T70-6038	45	T77-4582	42	T98-4500	14	V01-1170	151
T70-4215	50	T70-5518	45	T70-6039	45	T77-4583	37	T98-4566	14	V01-1171	151
T70-4216	50	T70-5519	45	T70-6040	45	T77-4584	43	T98-4567	14	V01-1172	151
T70-4217	50	T70-5520	51	T70-6041	45	T77-4605	37	T98-4568	10	V01-1173	151
T70-4218	50	T70-5521	51	T70-6042	45	T77-4696	43	T98-4569	10	V01-1174	151
T70-4219	50	T70-5522	51	T70-6043	45	T77-4900	43	T98-4570	10	V01-1175	151
T70-4220	50	T70-5523	51	T70-6044	45	T77-4901	39	T98-4571	19	V01-1176	151
T70-4221	50	T70-5524	51	T70-6045	45	T77-4901	39	T98-4572	19	V01-1178	153
T70-4227	50	T70-5525	52	T70-6046	45	T77-4902	39	T98-4573	19	V01-1179	153
T70-4231	50	T70-5526	52	T70-6047	45	T77-9816	43	T98-4574	19	V01-1180	153
T70-4233	50	T70-5527	52	T70-6048	45	T77-9817	43	T98-4575	19	V01-1181	153
T70-4236	50	T70-5528	52	T70-6049	45	T90-4993	18	T98-4730	14	V01-1182	153
T70-4237	50	T70-5529	52	T70-6050	45	T90-4994	18	T98-4981	14	V01-1183	153
T70-4476	42	T70-5610	52	T70-6051	45	T90-5950	38	T98-4982	14	V01-1194	152
T70-4654	121	T70-5611	52	T70-6052	45	T90-5956	38	T98-4983	14	V01-1195	152
T70-4699	56	T70-5612	52	T70-6053	45	T90-5960	44	T98-4984	14	V01-1196	152
T70-4807	355	T70-5613	60	T70-6054	45	T90-5966	44	T98-6019	13	V01-1197	152
T70-4890	52	T70-5614	60	T70-6055	45	T94-1119	201	T98-6788	10	V01-1198	152
T70-4891	52	T70-5615	60	T70-6056	45	T94-1120	201	T98-6789	10	V01-1199	152
T70-4892	52	T70-5616	60	T70-6057	45	T94-1121	201	T98-9004	10	V01-1200	152
T70-4893	52	T70-5691	40	T70-6058	45	T96-2350	20	T98-9005	10	V01-1201	152
T70-4894	52	T70-5692	40	T70-6059	45	T96-2352	20	T98-9006	10	V01-1202	152
T70-4997	123	T70-5693	40	T70-6060	45	T96-2354	20	T98-9007	10	V01-1203	152
T70-5305	40	T70-5694	40	T70-6061	45	T96-2355	20	T98-9008	10	V01-1204	152
T70-5306	40	T70-5695	40	T70-6062	45	T96-2357	20	T98-9009	10	V01-1205	152
T70-5307	40	T70-5696	40	T70-6063	45	T96-2358	21	T98-9013	15	V01-1206	152
T70-5313	40	T70-5697	40	T70-6064	45	T96-2359	21	T98-9019	11	V01-1207	152
T70-5314	40	T70-5698	40	T70-6065	45	T96-2361	21	T98-9020	11	V01-1208	152
T70-5315	40	T70-5699	40	T70-6066	45	T96-2362	21	T98-9021	11	V01-1209	152
T70-5321	40	T70-5700	40	T70-6067	45	T96-2363	21	T98-9024	15	V01-1210	152
T70-5322	40	T70-5701	40	T70-6068	45	T96-2365	21	T98-9028	15	V01-1211	152
T70-5323	40	T70-5702	40	T70-6069	45	T96-2911	21	T98-9030	14	V01-1212	152
T70-5329	40	T70-5703	40	T70-6790	40	T96-2912	21	T98-9031	14	V01-1213	152
T70-5330	40	T70-5704	40	T70-6791	40	T96-3253	21	T98-9032	14	V01-1214	152
T70-5331	40	T70-5705	40	T70-6792	40	T96-9469	20	T98-9033	14	V01-1305	153
T70-5337	40	T70-5706	40	T70-6793	40	T96-9470	20	T98-9034	14	V01-1306	153
T70-5338	40	T70-5707	40	T70-6794	40	T96-9472	20	T98-9035	14	V01-1570	158
T70-5339	40	T70-5708	40	T70-6795	40	T96-9473	20	T98-9036	14	V01-1571	158
T70-5345	40	T70-5709	40	T70-6796	40	T96-9474	20	T98-9037	15	V01-1572	158
T70-5346	40	T70-5710	40	T70-6797	40	T96-9475	20	T98-9038	15	V01-1573	158
T70-5347	40	T70-5711	40	T70-6798	40	T96-9478	20	V01-0465	153	V01-1574	158

Part No.	Page										
V01-1575	158	V01-8378	152	V07-8685	157	V81-8019	142	V81-8121	145	W05-0345	120
V01-1576	158	V01-8379	152	V07-8686	157	V81-8020	143	V81-8397	145	W05-0345	120
V01-1577	158	V01-8380	152	V07-8687	157	V81-8021	143	V81-8398	145	W05-0346	120
V01-1578	158	V01-8381	152	V07-8688	157	V81-8022	143	V81-8399	145	W05-0346	120
V01-1579	158	V01-8382	152	V07-8689	157	V81-8023	143	V81-8400	145	W05-0347	120
V01-1581	158	V01-8383	152	V07-8690	157	V81-8024	143	V81-8401	145	W05-0348	120
V01-1582	158	V01-8384	152	V07-8691	157	V81-8025	143	V81-8402	145	W05-7000	120
V01-1583	158	V01-8385	152	V07-8692	157	V81-8026	143	V81-8403	145	W05-7001	120
V01-2304	165	V01-8386	152	V07-8693	157	V81-8027	143	V81-8404	145	W05-7002	120
V01-2304	165	V01-8387	152	V07-8694	157	V81-8028	143	V81-8405	145	W05-7003	120
V01-2305	165	V01-8745	165	V07-8695	157	V81-8029	143	V81-8406	145	W05-7005	120
V01-2306	165	V01-8746	165	V07-8696	157	V81-8030	143	V81-8407	145	W05-7024	120
V01-2307	165	V01-8747	165	V07-8697	157	V81-8031	143	V81-8408	145	W05-7025	120
V01-2322	166	V01-8748	165	V07-8698	157	V81-8032	143	V81-8409	145	W05-7026	120
V01-2323	166	V01-9831	159	V07-8699	157	V81-8033	143	V81-8410	144	W05-7027	120
V01-2324	166	V01-9832	159	V07-8700	157	V81-8034	143	V81-8411	144	W05-7028	120
V01-2325	166	V01-9833	159	V07-8701	157	V81-8035	143	V81-8412	145	W05-7029	120
V01-2326	166	V01-9834	159	V07-8702	157	V81-8036	143	V81-8413	144	W05-7030	120
V01-2327	166	V01-9835	159	V07-8703	157	V81-8037	143	V81-8414	144	W05-7031	120
V01-4056	162	V01-9836	159	V07-8708	157	V81-8038	143	V81-8415	145	W05-7032	120
V01-4057	162	V01-9847	159	V07-8709	157	V81-8039	143	V81-8486	144	W05-7035	120
V01-4058	162	V01-9848	159	V07-8710	157	V81-8040	143	V81-8487	144	W05-7750	120
V01-4059	162	V01-9858	170	V07-8711	157	V81-8041	143	V81-8488	144	W05-7975	120
V01-4985	154	V01-9859	170	V07-8712	157	V81-8042	143	V81-8489	145	W05-7976	120
V01-4986	154	V01-9860	170	V07-9703	160	V81-8043	143	V81-8490	145	W05-8150	120
V01-4987	154	V01-9861	170	V07-9704	160	V81-8044	143	V81-8491	145	W05-8151	120
V01-4988	154	V01-9862	170	V07-9705	160	V81-8045	143	V81-8492	145	W05-8152	120
V01-4989	154	V07-1352	161	V07-9706	160	V81-8046	143	V81-8493	145	W05-8153	120
V01-7011	151	V07-1353	161	V07-9707	160	V81-8047	143	V81-8494	145	W05-8154	120
V01-7012	151	V07-1354	161	V07-9708	160	V81-8048	143	V81-8750	142	W05-8155	120
V01-7013	151	V07-1355	161	V07-9709	160	V81-8049	143	V81-8751	142	W05-8333	120
V01-7014	151	V07-1356	161	V07-9710	160	V81-8050	143	V81-8752	142	W05-8334	120
V01-7015	151	V07-1357	161	V07-9711	160	V81-8051	143	V81-8753	143	W05-8335	120
V01-7016	151	V07-1358	161	V07-9712	160	V81-8052	143	V81-8754	143	W70-7870	38
V01-7017	151	V07-1359	161	V07-9713	160	V81-8053	143	V81-8755	143	X06-8495	134
V01-7018	151	V07-1360	161	V07-9714	160	V81-8054	143	V81-8756	143	X06-8496	134
V01-7019	151	V07-1361	161	V07-9715	160	V81-8055	144	V81-8757	143	X06-8497	134
V01-7020	151	V07-1362	161	V07-9716	160	V81-8056	144	V81-8758	143	X06-8498	134
V01-7021	151	V07-1363	161	V07-9717	160	V81-8057	144	V81-8759	143	X06-8499	134
V01-7022	151	V07-1364	161	V07-9718	160	V81-8058	144	V81-8760	143	X06-8500	135
V01-7023	151	V07-1365	161	V07-9719	160	V81-8059	144	V81-8761	143	X06-8501	135
V01-7024	151	V07-1366	161	V07-9720	160	V81-8060	144	V81-8762	143	X06-8502	135
V01-7025	151	V07-1367	161	V07-9721	160	V81-8061	144	V81-8763	143	X06-8503	135
V01-7026	151	V07-1900	159	V07-9722	160	V81-8062	144	V81-8764	143	X06-8504	135
V01-7027	151	V07-1901	159	V07-9844	168	V81-8063	144	V81-8765	143	X06-8505	135
V01-7028	151	V07-1902	159	V07-9845	168	V81-8064	144	V81-8766	143	X06-8506	135
V01-7029	151	V07-1903	159	V07-9846	168	V81-8065	144	V81-8767	143	X06-8509	135
V01-7030	151	V07-1904	159	V69-9585	165	V81-8066	144	V81-8768	143	X06-8551	135
V01-7031	151	V07-1905	159	V69-9586	165	V81-8067	144	V81-8769	143	Y70-6852	95
V01-7032	151	V07-1906	159	V81-0391	142	V81-8068	144	V81-8770	143	Y70-6853	95
V01-7033	151	V07-1907	159	V81-0392	142	V81-8069	143	V81-8771	143	Y70-6854	95
V01-7035	153	V07-1908	159	V81-0395	143	V81-8070	145	V81-9489	164	Y70-6855	95
V01-7036	153	V07-1909	159	V81-0396	143	V81-8071	145	V81-9490	164	Y70-6856	95
V01-7037	153	V07-1910	159	V81-0397	143	V81-8072	145	V81-9491	164	Y70-6857	95
V01-7042	153	V07-1911	159	V81-0398	143	V81-8073	145	V81-9502	164	Y70-6858	95
V01-7043	153	V07-1921	159	V81-0399	143	V81-8074	145	V81-9503	164	Y70-6859	95
V01-7046	153	V07-1922	159	V81-0400	143	V81-8075	145	V81-9604	147	Y70-6861	95
V01-7047	153	V07-8650	161	V81-1139	165	V81-8076	145	V81-9605	147	Y70-6862	95
V01-7048	153	V07-8651	161	V81-1140	165	V81-8077	145	V81-9606	147	910FS	118
V01-7049	153	V07-8652	161	V81-1141	47	V81-8078	145	V81-9607	147	930XC	118
V01-7053	152	V07-8653	161	V81-6700	148	V81-8079	145	V81-9608	147		
V01-7054	152	V07-8654	161	V81-6701	148	V81-8081	165	V81-9609	147		
V01-7055	152	V07-8655	161	V81-6702	148	V81-8082	165	V81-9610	147		
V01-7056	152	V07-8656	161	V81-6703	148	V81-8084	145	V81-9611	147		
V01-7057	153	V07-8657	161	V81-6704	148	V81-8085	145	V81-9612	147		
V01-7058	153	V07-8658	161	V81-6705	148	V81-8086	145	V81-9613	147		
V01-7059	153	V07-8659	161	V81-6706	148	V81-8087	145	W04-1118	39		
V01-7070	152	V07-8660	161	V81-6707	149	V81-8088	145	W04-4149	137		
V01-7071	152	V07-8661	161	V81-6708	149	V81-8100	146	W04-7826	163		
V01-7072	152	V07-8662	161	V81-6709	149	V81-8101	146	W04-7827	163		
V01-7073	152	V07-8663	161	V81-6710	149	V81-8102	146	W04-7828	163		
V01-7700	168	V07-8664	161	V81-6711	149	V81-8103	146	W04-7829	163		
V01-7702	168	V07-8665	161	V81-6712	149	V81-8104	146	W04-7830	163		
V01-7703	168	V07-8666	161	V81-6713	149	V81-8105	146	W04-7831	163		
V01-7704	168	V07-8667	161	V81-6714	149	V81-8106	146	W04-9420	163		
V01-7705	168	V07-8668	161	V81-6715	149	V81-8106	147	W04-9421	163		
V01-7706	168	V07-8669	161	V81-8005	142	V81-8107	146	W04-9422	163		
V01-7707	168	V07-8670	161	V81-8006	142	V81-8108	146	W04-9423	163		
V01-8034	151	V07-8671	161	V81-8007	142	V81-8109	164	W04-9424	163		
V01-8038	151	V07-8672	161	V81-8008	142	V81-8110	164	W04-9425	163		
V01-8368	152	V07-8673	161	V81-8009	142	V81-8111	164	W04-9426	163		
V01-8369	152	V07-8674	161	V81-8010	142	V81-8113	165	W04-9427	163		
V01-8370	152	V07-8675	161	V81-8011	142	V81-8114	165	W05-0339	120		
V01-8371	152	V07-8676	161	V81-8012	142	V81-8115	165	W05-0339	120		
V01-8372	152	V07-8677	161	V81-8013	142	V81-8115	165	W05-0340	120		
V01-8373	152	V07-8680	157	V81-8014	142	V81-8116	165	W05-0342	120		
V01-8374	152	V07-8681	157	V81-8015	142	V81-8117	145	W05-0343	120		
V01-8375	152	V07-8682	157	V81-8016	142	V81-8118	145	W05-0343	120		
V01-8376	152	V07-8683	157	V81-8017	142	V81-8119	145	W05-0344	120		
V01-8377	152	V07-8684	157	V81-8018	142	V81-8120	145	W05-0344	120		

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
11291000	180	30800009	350	CIQ-KRQ	364	FI-525	103	MS2-TTK	363	PTNX2-DLX	360
11291400	180	52801001	350	CIQ-RJA	364	FI-7000-INTL	110	MS2-WM	363	PTNX8	360
11292000	180	52801004	350	CIQ-SPKR	364	FI-7000-MPO-INTL	110	MT-8200-49A	363	PTNX8-CABLE	360
11292400	180	52801009	350	CIQ-WM	364	FIBR-I-KITPRO	105	MT-8200-60-KIT	357	PTNX8-CT	360
11293000	180	52801R9Y	350	CLIP-SET	363	FIBR-I-KITPRO-PH	105	MT-8200-61-TNR	357	PTNX8-DLX	360
11293400	180	ADAP-PTNX-KIT	360	CLIP-SET	364	FIBR-I-KITPRO-VF	105	MT-8200-63A	357	PTNX8-ID-1-8	360
19800003	350	ADAP-PTNX-RJ11	360	DSX-5000 INTL	366	FIBR-I-KITPRO-VFPM	105	MT-8200-63A	363	PTNX8-VV-PRO	360
19800009	350	ADAP-PTNX-RJ45	360	DSX-5000 INTL/GLD	366	FIBR-I-PRO-LSPM	105	MT-8202-05	357	SFMULTIMODESOURCE	106
22800001	350	ADAP-PTNX-TNR	360	DSX-5000MI INTL	366	FIBR-I-SHOTPRO	105	MT-8203-20	357	SFPWERMETER	106
22800004	350	CASE-PTNX-LG	360	DSX-5000MIINTL/GLD	366	FQM-KIT	105	MT-8203-22	357	SFSINGLEMODE2	106
22800007	350	CASE-PTNX-SM	360	DSX-5000-PRO INTL	366	FQM-MAIN	105	OFF-100-M-INTL	109	SFSINGLEMODESOURCE	106
22800009	350	CASE-TS100	361	DSX-5000-PROINTLGLD	366	FTK1000	106	OFF-100-M-INTL	109	TS100-PRO-BT-TDR	361
22801001	350	CFP-100-MI-INTL	109	DSX-5000QI INTL	366	FTK1300	106	OFF-100-QI-INTL	109	TSS4-A-09-TDR	350
22801004	350	CFP-100-M-INTL	109	DSX-5000QIINTL/GLD	366	FTK2000	106	OFF-100-QI-INTL	109	TSS4-BANA	350
22801007	350	CFP-100-QI-INTL	109	DSX-5000QIQI INTL	366	FTK2100	106	OFF-100-Q-INTL	109	VISIFAULT	104
22801009	350	CFP-100-Q-INTL	109	DSX-5000QIQIINTLGLD	366	FTS1000	105	OFF-100-Q-INTL	109		
25501004	350	CFP-100-SI-INTL	109	DSX-8000	367	FTS900	105	OFF-100-SI-INTL	109		
25501009	350	CFP-100-S-INTL	109	DSX-8000-W	367	LEAD-ABN-100	361	OFF-100-SI-INTL	109		
25501109	350	CIQ-100	364	DSX-8000-W INT/GLD	367	LEAD-ABNP-100	361	OFF-100-SI-INTL	109		
26500000	361	CIQ-CIT	364	DSX-ADD	366	LEAD-ALIG-100	361	OFF-CFP-MI-INTL	109		
26500090	361	CIQ-COAX	364	DSX-ADD-R	366	MS2-100	363	OFF-CFP-QI-INTL	109		
26501100	361	CIQ-FTKSP	364	DSX-CFP-Q-ADD-R	366	MS2-CPK	363	OFF-CFP-SI-INTL	109		
26501160	361	CIQ-IDK24	364	FI-1000	110	MS2-FTK	363	PTNX1	360		
26501700	361	CIQ-IDK57	364	FI-1000-KIT	110	MS2-IDK27	363	PTNX2	360		
30800001	350	CIQ-KIT	364	FI-500	103	MS2-KIT	363	PTNX2-CABLE	360		

Buy Gold. Make your investment count

FLUKE
networks.

Protect Your Investment and Minimize Business Downtime with Gold Membership

Gold Membership is much more than just a repair warranty. It is a comprehensive maintenance and support programme that offers expanded coverage for Fluke Networks' products and accessories. It provides a premium level of support to minimize business downtime and ensure a high return on your investment.

3-Year Gold Membership provides a 10% discount off current Gold pricing along with 3-year price protection. On average customers can save up to 19% over 3-years by taking advantage of the 3-year Gold Membership option. Gold Membership is available for most Fluke Networks products in 1-year or 3-year (save 10% with 3-year) contracts.



What's Included with Gold Membership?

Benefits	Gold Member	Non-Gold Member
Live Technical Support with exclusive phone numbers	✓	
FREE Repair with "first on bench" turnaround service	✓	
FREE Accessory Replacements**	✓	
FREE Annual Calibration	✓	
Member Only Promotions	✓	
Access to Technical Support	Web, Email and Phone	Web and Email
Response time from Technical Support	<2 Hours	<24 Hours
Customer Support—Phone and Email	24x7x365	7am-5pm
Primary Case Handling	Technical Support Engineer	Customer Service Agent



A			
1000V VDE Pliers	205, 234	Bit Sets	214-215
1000V VDE Screwdrivers	212, 235	Bix Wire Insertion Tool	247
1000V VDE Tools	234-235	Blades - Knife	221
110 Insertion Tools	246	Blades - Saw	222-223
3M Cordset	353	Blanket Cable Protection	339
3M Hot Melt Fibre Connectors	94	Blanking Panels	18-19
431A Crimp Style Plugs	125	Block Insert 1A, 2A	305
6 in 1 Blown Fibre Tool	82	Block Snatch No. 1 & 2 and 2"	324
77A & 78A Junction Boxes	120	Block Terminal 66B	305
Acrylic Mastic	172	Blow Torches	231
Adaptor Rods 1A, 2A, 3A, 5, 7	314	Blower Cold Air & Hose	278
Adaptor Valve Air 1 & 2	337	Blown Fibre Bead	81
Adaptors - RCD	280	Blown Fibre Bead Crimper	81
Adaptors - Test	354	Blown Fibre Duct Air Inflator	82
Adaptors & Chucks - Drills	258	Blown Fibre Duct Airflow Gauge Kit	82
Adhesive (For Rods Continuous)	316	Blown Fibre Lubricants	326-327
Adjustable Wrenches	220	Blown Fibre Machines	66-77
Air Blocks - Grommets	169	Blown Fibre Tool 6 in 1	82
Air Compressor	319	Blown Fibre Toolkits	79
Air Dusters	391	Blown Fibre Tools	79-82
Air Guards - Grommets	169	BNC Connector Removal Tools	251
Air Inflator - Blown Fibre Duct	82	BNC Connectors, Adaptors & Plugs	139
Airflow Gauge Kit- Blown Fibre Duct	82	BNC Crimp Tools	249
Alert 340 Test Telephone	349	BNC Leads	139
Anchor Screw Stay No.1	304	BNC Modules	137
Anchor Stay Manual No.1	304	Boat Level	228
Angled RJ45 Modules	39,44	Boiler Suits	297
Anti-Slip Gloves	294	Bolsters	225
Antistatic Wrist Band	372	Bolt Cutters	209
Aquakleen	327	Bolt Expansion 1A	329
Araldite	391	Bolt Foundation Indented No.1 & 2	328
Armoured Cable Slitters	89	Bolts	388-389
Arnold Cover Lifter	332	Bonding Plugs	372
Attached Lid Boxes	202	Box Sinkers - Electrical	257
Attachment Rod 1A, 2A, 3A, 4A	314-315	Box Spanners	220
Attachment Rod 2A & 3A	315	Brace Coach Screw	305
Attenuators ADSL	355	Bracket 32, 22	308
Audio Leads	139	Bracket Cable Bearer	328
Augers	258	Brady Labelling Products	384
Automatic Centre Punches	226	Bradawls	226
AV Modules	136-137	Break Out Cable - Fibre	61
AV Panels	136	Brooms	272
AV Racks	134	Brother Labelling Products	385
B		Brush Cylindrical	320
B.T Dropwire Sheath Stripper	243	Brush Faceplates	46
Back Boxes	165,167	Brush Panels	19
Backpacks	198	Brush Profiles	170
Bags Grip	318	Brushes and Brooms	272
Ball End	317	BT 2003 & 3002 Coax Strippers	245
Ball Pien Hammers	224	BT Male to RJ11 Female Adaptor	355
Bar Digging	270	BT Modular Plug Crimp Tools	249
Bare Fibre Adaptors	94	BT Modular Plugs	125
Barrier Tape	266	Buckets	273
Barriers Road	264-265	BUDI Enclosures	63
Basket Tool	197	Building Distribution Enclosures	63
Basket Tray	158	Bulkhead - BNC	139
Batteries	233, 392	Bullet Ends	317
Baying Clips	14,16	Bungy Signs	264
Bead Crimper - Blown Fibre	81	Butt Sets	348,349, 350
Beads - Blown Fibre	81	C	
Bellmouth Split	288	Cabinet Screwdrivers	211
Belt Pocket	200	Cabinets - Contract Series	10,11,12,14,16
Belt Pole 1B	298	Cabinets - Free Standing	14,22,23
Bench PVC Trunking	148-149	Cabinets - Server	16,24,25,26,27
Betaduct	152	Cabinets - SoHo	12
Bevelled Faceplates	46	Cabinets - Wallboxes	10
		Cable - Cat. 5e	34-35
		Cable - Cat. 6	42
		Cable - Coax	139
		Cable - Dropwire	120
		Cable - Fibre	50
		Cable - Jumper	120
		Cable - Twin & Earth	166
		Cable - Voice	120
		Cable Basket	158
		Cable Bearer Wall Type	328
		Cable Braids	162
		Cable Caster	290
		Cable Certifiers	366-367
		Cable Cleaning Wipes	327
		Cable Clips	386
		Cable Cutters	237-238,234
		Cable Dereelers	284-286
		Cable Drum Stands	284-286
		Cable Drum Trailers	287
		Cable Dumps	18
		Cable Ease Blowing Lubricant	326
		Cable Entry Cover	138
		Cable Glands	170
		Cable Grips	321
		Cable Guides	288-289
		Cable Holders	386
		Cable Hole Grommet	138
		Cable IQ Tester	364
		Cable Joe	288
		Cable Laying Shovel	269
		Cable Lubricants	326-327
		Cable Management Bars	19,31
		Cable Management Rings	19
		Cable Network Analyser	366-367
		Cable Protectors - Rigid	162
		Cable Protectors - Rubber	163
		Cable Pulling Lubricants	326-327
		Cable Pulling Winches	287
		Cable Qualifiers	364
		Cable Reel Stands	284-286
		Cable Relief Boots Cat. 5e	40
		Cable Relief Boots Cat. 6	45
		Cable Ringing Tools	87
		Cable Roller Guides	288-289
		Cable Roller Rails	284
		Cable Roller Stands	284
		Cable Shears	89, 237-238
		Cable Sheath Strippers	240, 243
		Cable Slitter (Fibre)	88, 241
		Cable Spindle Fixing Cones	286
		Cable Strippers	86-89, 243-245
		Cable Supports	19
		Cable Tacklers	292
		Cable Testers	358-367
		Cable Ties	374-377
		Cable Tie Bases	374-375
		Cable Tie Cradles	374-375
		Cable Tie Guns	374-375
		Cable Tie Markers	374-375
		Cable Tie Supports	374-375
		Cable Tie Wall Mounts	374-375
		Cable Tracing Kits	356-357
		Cable Tray	157
		Cable Tray	19, 30
		Cabling Guides	288-289
		Cabling in Progress Sign	266
		Cage Nut Insertion / Removal Tool	19
		Caged Nuts	19

Cannon Technologies Products	22-31	Cobras	316	Crimp Tools - F Connector	250
Cantilever Shelves	11-12,29	CO-FMD Fibre Management Drawers	63	Crimp Tools - LMR400 & LMR600	249
Canvas Sheets	276	Coilly Cords	372	Crimp Tools - RJ11	249
Capping Steel Nos. 1, 4 & 5	310	Cold Cure Activator	93	Crimp Tools - RJ45	249
Cargo Lash	281	Cold Cure Adhesive	93	Crimp Tools - Series 43	250
Carpet Tile Lifter	292	Cold Cure Fibre Kits	91	Crimp Tool Sets	248
Carriageway Groundsheet	276	Collet Locking Tool	82	Crimps - Jelly	125
Carriageway Keys	331	Collets Grip Markers (Hobs)	378	Crimps - Terminal	208
Cat & Genny	369	Combi Drill Drivers	253	Critchley Marker Kits	377
Cat. 5e Cable	34-35	Combination Ladders	261	Cross Pien Hammers	224
Cat. 5e Cable Relief Boots	40	Combination Pliers	204-205	Crossover Patch Leads	40
Cat. 5e Fixed Faceplates	39	Combination Squares	228	Crowbars	267
Cat. 5e Modules	38-39	Compact DSP Test Set	348	CT100 & 125 Cable	139
Cat. 5e Patch Leads	40	Compass Saw	223	Cutter Longitudinal IA	243
Cat. 5e Patch Panels	36-37	Component Boxes	200-201	Cutter Subduct	80-81
Cat. 5e RJ45 Modular Plugs	40	Compound 16A, 21A, DX5	339	Cutter Tube	80
Cat. 5e RJ45 Modules	38-39	Compression Tools	251	Cutters - Bolt	209
Cat. 5e Surface Mount Boxes	39	Concrete Float	267	Cutters - Conduit	151
Cat 6. Cable	42	Conductor Cleaner	245	Cutters - Flush	206
Cat 6. Modular Plugs	45	Conduit - Flexible	153	Cutters - Fibre	89
Cat 6. Modules	44	Conduit - Flexible Contractor Pack	153	CW1109 Jumper Cable	120
Cat 6. Patch Leads	45	Conduit - Galvanised Metal Flexible	153	CW1128 External Voice Cable	120
Cat 6. Patch Leads	45	Conduit - Galvanised Metal	152	CW1308 Voice Cable	120
Cat 6. Patch Panels	43	Conduit - PVC	151	Cyclops Stripper	245
Cat 6. RJ45 Modules	38-39	Conduit - Underground Burial	154		
Cat 6. Through Coupler	45	Conduit - Accessories	151, 152	D	
Catenary Wire Kit	171	Conduit Cutter	151	D Series Cordsets	353
CATV Tone & Probe Kits	356	Conduit Snakes	316	Dado PVC Trunking	146-147
CATV Toolkits	185	Conduits	151-154	Data & Voice Toolkits	180-183
CATV Tools	244, 250, 251	Cone Signs	266	Data Cabinets	10-32
Caulking Guns	391	Connection Boxes Telecom	121	Data Cable Strippers	245
CCTV Cable	139	Connector Bend No. 1	310	Data Distribution Boxes	156
Ceiling Tray	158	Connector Bend No. 4	339	Data Installer Holster Kit	180
Centre Punches	226	Connector Dropwire 2A	312	Desiccant Pack 2A	338
CertiFiber Pro OLTS- Fluke Networks	108-109	Connector End Caps - Microduct	82	Desoldering Pumps	230
Chain & Padlocks	263	Connector Reducers - Microduct	82	Detector - Wire, Pipe & Stud	227
Chain Pole Jack	303	Connector Swivels	319	DI-1000 Fibre Inspection Scope	113
Chain Puller 3 Ton	303	Connector Tools	251	Die Sets	248
Channel Strut Fittings	160	Connectors - BNC	139	Digalert 350 Replacement BT Lead	355
Channel Supports	159	Connectors - F Type	139	Digalert Test Butts & Probe	349
Check Plugs - Electrical	371	Connectors Compression I	336	Digging Bar	270
Chisel - Channeling	258	Consumables - Fibre Optic	56	Digging Spade	268
Chisels - Hand	225	Continuity Tester - Electrical	370	Disc Caulking	318
Chisels and Points - Power Tools	258	Contract Series Free Standing Cabinets	14	Disconnection Modules 10 Pair	121
Chrome Faceplates	46	Contract Series Server Cabinets	16	Disconnection Strips	121
Cin Bin - Fibre	92	Contractor Pack (Cat. 5e)	37	Dispenser 1A	285
Clamp Aerial Cable 2, 4	309	Contractor Pack (Cat. 6)	42	Dispenser A Frame Universal	285
Clamp Guide 2A	324	Converters - Media	130	Dispenser Dropwire 1A and 2B	285
Clamp Meters	371	Copper Cable Strippers	243-245	Dispenser Sash Line	306
Clamps Dropwire 6, 10A	308	Copper Jointing Toolkits	184	Disposable Urinal	300
Claw Hammers	224	CO-Rack ETSI Racks	62	Disposal Gloves	294
Clean Core Cassettes	101	Cord Connecting 4/8C	354	Divot Bare Fibre Adaptors	94
Cleat Wiring	386	Cordless Drill Drivers	253	Drainer Newcastle	269
Cletops	101	Cordless Saw	255	Draw Wire & Tapes	291
Clip Test	355	Cordless Vacuums	282	Drawer Unit	135
Closed Finger Trunking	152	Cordsets	352-355	Drawrope Dispensers	185
Closed Slot Trunking	152	Coring Tools	250	Drawrope No.1	325
Club Hammers	224	Corning Connector CompressionTool	251	Drill Bits	258-259
Coax Cable Cutters	237	Coupling Rod Duct 3	315	Drill Bit Sets	256,214
Coax Cable Strippers	243-245	Coupling Up Pieces	315	Drill Bit Storage Roll	198
Coax Compression Tools	251	Cover Joint Box 23	329	Drill Drivers	253
Coax Connectors	139	Cover Lifter Hydraulic	332	Drills - Power Tools	253-254
Coax Crimp Tools	248-250	Cover Lifting Keys	330-331	Drop Fibre Strippers	88
Coax Strippers	244-245, 250	Crayon Markers	379	Drop Trimmer (Coax)	244
Coax Termination Sets	248	Crimp Style Plugs 431A	125	Dropwire Cable	120
Coax Testers	358-361	Crimp Tools - BT Plug	249	Dropwire Stripper	243
Coax Cable	139	Crimp Tools - Coax	248-250	Dry Lining Backboxes	47
				Dry Lining Boxes	165

Drywall Screws	387	Fibre Blowing Toolkits	79	Fluke Networks OneShot Pro	105
DSTS2 Replacement BT Lead	355	Fibre Blowing Tools	79-82	Fluke Networks OptiFiber Pro OTDR	108-109
DSX-5000 Cable Certifier	366	Fibre Break-Out Cable	61	Fluke Networks Pocket Toners	360
DSX-8000 Cable Certifier	367	Fibre Building Distribution Enclosures	63	Fluke Networks Pro3000	357
Duct Cutters Fibre	80-81	Fibre Cable	50	Fluke Networks QuickMap	105
Duct Motor 2B	318	Fibre Cable & Kevlar Cutter	89	Fluke Networks Simplifiber Pro OLTS	106
Duct Repair Kit 3A	318	Fibre Cable Strippers	86-89	Fluke Networks Test Telephones	350-351
Duct Rods	314	Fibre Cleaning Products	100-101	Fluke Networks TS90 & TS100	361
Duct Window Cutter - Powertool	346	Fibre Cleaning Kits	98-100	Fluke Networks Versiv	107
Dust Masks	295	Fibre Cleavers	92	Flush Cutters	206
Dust Sheets	276	Fibre Cold Cure Termination Kits	91	Foam Cleaners	391
Dustbins	273	Fibre Connector Insertion/Extraction Tool	94	Footprint Wrenches	209
Dymo Rhino Labelling Products	382-383	Fibre Connectors	54-55	Forks	267
Dymo XTL Labelling Products	380-381	Fibre Connectors - Field Termination	95	FOSC & FOSCG Fibre Closures	64
E					
Ear Defenders	295	Fibre Cutters	89	Frame & Cover Carriageway	329
Ear Plugs	295	Fibre Disposal Container	92	Frame & Cover Footway No.2	329
Electrical Check Plug	371	Fibre Identifiers	104	Free Standing Cabinets & Racks	14-27
Electrician's Toolkits	186	Fibre Inspection & Cleaning Kits	98-100	Fremco Fibre Blowing Machines	66-75
Enclosures - Wallboxes	10	Fibre Inspection Probe	103,110, 113	Fremco Microflow Touch	70
Enclosures - Soho & Multimedia	12	Fibre Intra-Facility Cable	61	Fremco Miniflow Rapid	71
Enclosures - Free Standing	14,22,23	Fibre Jointing Toolkits	83	Fremco Multiflow	73
Enclosures - Server	16, 24-27	Fibre Management Kit	55	Fremco Nanoflow	69
End Fittings (For Rods Continuous)	316	Fibre Microscopes	103,110, 113	Fremco Powerflow	72
Endless Rodding	316	Fibre Modules	55	FTTx Cable Lubricant	327
Entry Boxes	165	Fibre Patch Panels	57	FTTx Termination Boxes	60
Ethernet Plus Switches	131	Fibre Pig Tails	52	Fuel Cans	278
Eurostyle Bevelled Faceplates	46	Fibre Splicer's Toolkits	84-85	Fuel Siphon	278
Eurostyle Modules Cat. 5e	38-39	Fibre Strippers	86-89	Full Body Harnesses	298-299
Eurostyle Modules Cat. 6	44	Fibre Stripper 10A	86	Fullnuts	388
Eurostyle Standard Faceplates	46	Fibre Stripper 1A	86	Funnels	278
Excavating Spoons	271	Fibre Termination Boxes FTTX	60	Fused Spurs	166
Expansion Plugs	387	Fibre Test Equipment	104-118	Fusion Splicers	96, 118
Extension Ladders	260	Fibre Tool Bag	90	FX150 Mini OTDR	115
Extension Leads	279-280	Fibre Tube Scoring Tool	88	FX300 Multi-functionFibre Test Platform	116
Extension Leads Multi-Socket	280	Fibre Wall Boxes	58-59	FX40 Series OLTS	113
Extension Reels	280	Fibreglass Duct Rodding	316	G	
External Cat. 5e Cable	35	Field Termination Fibre Connectors	95	Gaffer Tape	390
External Cat. 6 Cable	42	Files	226	Galvanised Conduit	152
External Fibre Optic Splice Enclosures	64-65	Fillers	291	Galvanised Trunking	161
Extractor 57 & 58	247	Fingerless Gloves	394	Gas Detectors	300
Eye Bolt and Screw Eye	171	Fire Extinguishers	300	Gas Irons	231
Eye Glass	229	First Aid Kits	296	Gate Guards & Accessories	264-265
Eye Protection	293	Fish Wire & Tapes	291	Gel Cable Pulling Lubricant	326
Eye Wash	296	FIST ETSI Racks	62	Generators	278
Eyebolt Expanding 1A, 2A	308	FIST Fibre Closures	65	Gland Caulking	318
F					
F Cable Lubricant	327	FIST Splice / Patch Shelves	63	Glasses Safety	293
Faceplates	46, 138	Fixing Cones For Cable Spindles	286	Gloves	294
Fan Trays	15,17,19,29	Flame Retardant Overall	297	Glue Guns	391
Faultcaster & Faultcaster Plus	359	Flexi Ends	317	Goggles - Safety	293
F-Connectors	139	Flexible Conduit	153	Gold Membership Fluke Networks	111
F-Connector Crimp Tools	250	Floats	267	GOP Multi-Cutter	255
F-Connector Flaring Tools	251	Flood Lights	279	Grating Sump 2A	329
F-Connector Insertion Tools	251	Floor Boxes	169	Greenlee Fibre Test Equipment	118
F-Connector Termination Aid	251	Floor Grommets	168	Greenlee (Tempo) Test Telephones	348-349
F-Connector Torque Wrenches	251	Floor Outlets	168	Greenlee Fusion Splicers	118
Ferrule Cleaners	100-101	Floor Sockets	168	Greenlee NetCat Micro & Netcat Pro 2	362
FI-7001 Fluke Networks	110	Floor Tile Lifters	292	Grip Coupling 1A	318
FiberGuide Raceway System	154	Fluke Networks Cable IQ Tester	364	Grip Insulator Pole	309
FiberInspector Pro Fluke Networks	110	Fluke Networks CertiFiber Pro OLTS	108-109	Grip Pulling Aerial Cable	307
Fibre Adaptors	56	Fluke Networks DSX-5000	366	Grip Stay Anchor	309
Fibre Blanks	56	Fluke Networks DSX-8000	367	Grip Stay Pole	309
Fibre Blowing Machines - Fremco	66-75	Fluke Networks FI-7000	110	Grip Wire Suspension	309
Fibre Blowing Machines - Hexatronic	76	Fluke Networks FiberInspector Pro	110	Grips Cable	321
Fibre Blowing Machines - Zeitler	77	Fluke Networks Gold Membership	111, 368	Grommet - Cable Hole	138
		Fluke Networks Intellitone Pro 200	357	Grommets	166, 169
		Fluke Networks Micromapper	363	Guide Cabling 17A	288
		Fluke Networks Microscanner 2	363	Guide Cabling No 1,2, 4A, 4B, 6A, 6B	288

Guide Rod Flexible 3, 4	319	Jabsaws	223	Leads - Fibre	51-53
H		Jacket Hi-Vis	297	Leads - HDMI	139
Hacksaws & Blades	222-223	Jacks Cable Drum	286	Leads - Test	352-355, 371
Hammer Drills	253-254	Jacks Telephone	125	Levels	228
Hammers	224	Jelly Crimps	125	Lid Boxes	202
Hand Protection	294	Jetting Lube	326	Lifter Manhole Cover 4B	332
Hand Saws	223	Jobber Drill Bits	259	Light Source - Fibre Optic	106, 113, 117, 118
Hand Trucks	203	Jobber Drill Bit Sets	256	Line Adaptors	124
Hand Wipes	392	Joint Box 23 & 26	329	Line Cord 300A	355
Hard Hats	293	Joint Closures	340-345	Line Jacks	123
Harnesses	298-299	Joint Couplers (For Rods Continuous)	316	Link Cabling No.1 & 2	320
Harrier ISDN Tester	358	Jointers Stools	276	Link Keystone 1/2"	320
HDC Tools	250	Jointers Tents	274-275	Lint Free Cloths	101
HDMI Adapters	139	Joining Kit 3M	334	Lj6C Modules Cat. 5e	38
HDMI Leads	139	Jumper Cable	120	Lj6C Modules Cat. 6	44
Head Protection	293	Jumper Ring 37B	121	LMR400 & LMR600 Crimp Tools	249
Head Torches	232	Jumper Stick	311	Lolipops	354
Headset 7A	357	Junction Boxes - Electrical	166	Long Nose Pliers	204-205
Hearing Protection	295	Junction Boxes 77A And 78A	120	Longitudinal Stripper	87, 240
Heat Curing Epoxy	92	K		Lubricants - Cable	326-327
Heat Guns	231	Karabiners	299	Lump Hammer	267
Helmets	293	Kevlar Gloves	294	M	
Hex Key Sets	216	Kevlar Scissors	89	Magnetic Lamps	281
Hex Screwdrivers	216	Key 9752, 9753, 9758	330	Magnetiser/Demagnetiser	211
Hexatronic Fibre Blowing Machine	76	Key Carriageway 2A	331	Magnifying Eye Glass	229
Hi Band Strips	120	Key Joint Box 4, 5	330	Magnifying Tweezers	229
High Voltage Hand Tools	205, 212, 234, 235	Key Lifting Manhole Cover	331	Mallet	224
High-Density Voice Panel (25 & 50 Port)	123	Key Pillar	330-331	Mandrel Nylon	320
Hi-Vis Clothing	297	Key Sets	216	Manhole Keys	331
Holesaws	257	Keystone Face Plates	136	Manometer 1 C	369
Hook & Loop	377	Keystone Jacks - AV	136	Marking Paint	379
Hook & Spudger	246	Keystone Jacks - Cat. 5e	37	Marking Pens	379
Hook Plates	171	Keystone Jacks - Cat. 6	44	Marrying Sets	315-316
Hook Sets	230	Keystone Patch Panels	136	Masks	295
Horse Pole	304	Knee Pads	296	Mastic Gun	391
Hose Blower Cold Air	278	Kneeling Mat	296	Mauls	267
Hose Lay-Flat 3A	277	Knives	221-222	Maxi PVC Trunking	144
Hose Suction 2A	277	Krone Cordsets	352	Maxim Stripper	207
Hot Melt Fibre Connectors	94	Krone Outrigger	246	Measuring Wheels	272
HSS Taper Drills	257	Krone Style Strips	121	Mechanical Joint Closures	342
Huawei Style Insertion Tool	247	Krone Wire Insertion Tools	246	Mechanical Splice Connectors	95
Hydraulic Cable Jacks	286	L		Media Converters	130
I		Label Printers	380-385	Mergon Barrier Systems	265
IC Extractors	230	Label Tapes	381, 383, 384, 385	Metal Cable Ties & Clips	376
IEC Leads	21	Lacing Bars	135	Metal Clad Backboxes, Plates & Sockets	167
Impact Drills	253-254	Ladders	260-261	Metal Connection Boxes 500 Series	121
Impact Drivers	253	Ladder Clamps	263	Metal Detector	227
Inductive Search Coil 3A	357	Ladder Leveller	263	Microclip X3 Gas Detectors	300
Injectors - PoE	131	Ladder M8rix	263	Microduct Connector End Caps	82
Inline Coupler Cat. 6	39	Ladder Stand Off	262	Microduct Connector Pliers	81
INNO Fusion Splicers & Cleavers	96-97	Ladder Stops	262	Microduct Connector Reducers	82
Insertion Tools	246-247	Ladder Tags	263	Microduct Cutters	80
Inspection Lamps (110 & 240V)	279	Ladder Tie	304	Microduct Measuring Gauge	81
Inspection Lights	232-233	Laddermate	262	Microduct Reaming & Deburring Tool	81
Inspection Mirrors	229-230	LAN Tone & Probe Kits	356-357	Microduct Rounding Tool	82
Instrument Screwdrivers	211-212	Lanyards	298-299	Microflow Touch Blowing Machine	70
Insulator Stay 2	308	Lapping Paper	93	Microlite	262
Intra-Facility Cable - Fibre	61	Laptop Cases	197	Micromapper	363
Intumescent Fire Products	172	Laser Measure	227	Microscanner 2	363
Inverters	279	Laser Protection Spectacles	101	Mid-Span Access Fibre Slitters	88
IPA Dispensers	93	Latex Disposable Gloves	294	Miller Strippers	86, 239
IPA Mix	93	Latex Grip Gloves	294	Minature Pliers & Cutters	206
IPA Wipes	101	Launch Leads	102	Mini PVC Trunking	142
Iron Anchor 4	328	Leads - Cat. 5e	45	Miniflow Rapid Blowing Machine	71
ISDN Tester	358	Leads - Cat. 6	45	Minim Stripper	207
J		Leads - Coax	139	Mirrors - Inspection	229, 235
				Mitre Saw	223

MJC	342	Pedestrian Guards	265	Pump Submersible	277
Modular Plugs	40, 125	Pencil Fibreglass	230	Pump Utility Bailers	277
Modules - AV	137	Pens	379	Punchdown Tools	246-247
Modules - Cat. 5e	38-39	Permasoil	312	Punches	226
Modules - Cat 6	44	Personal Protection Equipment Kit	295	Punners	270-271
Modules - Fibre	55	Petrol Winches	287	PVC Conduit	151
Moisture Barrier Kit 267A	335	Pick Axes	267	PVC Disposable Gloves	294
Mole Grips	209	Pick-Up Tools	229	PVC Tape	390
MTTplus Modular Fibre Test Platform	115	Pig Tails	52	PVE/A Foam	172
Multibit Screwdrivers	213	Pin Locking Cable Bearer	328	Q	
Multicutter	255	Pin Punches	226	QDF Wire Insertion Tool	247
Multiflow Blowing Machine	73	Pins Steel	386	Quick Connect Chuck	337
Multimeter - Replacement Lead Set	371	Pit Lifting Keys	330-331	QuickMap - Fluke Networks	105
Multimeters - SA9083	358	Pit Roller Bar	331	R	
Multimeters - Electrical	370	Pivoting Optical Sub-Rack (POSR)	63	Rabbiting Spade	270
N		Plasters	296	Rack Mount Fan Units	19
Nails Bonding	312	PLCC Extractors	230	Rackmount Toolkit	188
Nanoflow Blowing Machine	69	Pliers - Combination	204, 205	Racks	10-32
NetCat Micro & Netcat Pro 2 Testers	362	Pliers - Gas	209	Rangefinder Laser	227
Newcastle Drain Tool	269	Pliers - Long Nose	204, 205	Ratchet Cable Cutters	238
NG Harrier ISDN Tester	358	Pliers - Microduct Connector	81	Ratchet Spanner	219
No Loss Chuck	337	Pliers - Rod Sweep	314	Ratchet Tie Down & Strap	281
Non-Magnetic Tools	236	Pliers - Slip Joint	204	Rawplugs	387
Noyes OLTs	117	Pliers - Snipe Nose	206	Receiver Headgear 17A	357
Noyes OTDRs	117	Pliers - Waterpump	204	Reel Hose 6	318
NTESA Boxes	123	Pliers - Wiring	205	Reflex Gloves	294
Nut Seal Captive IA, IC	337	Plinths	15, 17, 30	Regulator Auto Air	335
Nut Spinners	218	Plug Creosoted	312	Replacement BT Lead - Digalert 350	355
Nuts & Bolts	388	Plugs - Data & Voice	125	Replacement BT Lead - DSTS2	355
Nylon Faced Hammers	224	Plugs - Electrical	279	Replacement Hook (Key Joint Box 4, 5)	330
O		Plumb Bobs	228	Replacement Lead Set - SA9083	358
ODF Shelves, Drawers & Subracks	62-63	Pocket Coax Tester	358	Replacement Nut & Bolt (Key Joint Box 4, 5)	330
ODFs	62	POD Boxes	156	Replacement Rods	316
Oil Spillage Kit	300	PoE Products	130-132	Resin Gun 14	339
OneShot Pro Fluke Networks	105	Pointing Trowels	267	Resin Pack 2B, 6C, 7A, 7B, 9B, 10B, 14B	338-339
Open Finger Trunking	152	Pole Jack	303	Respirators FFP2, FFP3	295
Open Slot Trunking	152	Pole Sock	304	RG59 BNC Leads	139
Operating Bar (Large)	303	Pole Splicing Work Tray	311	RG59 Coax Cable	139
Optical Distribution Frame Shelves & Drawers	62-63	Pole Tents	274	Rhino Labelling Products	382-383
Optical Distribution Frames	62	Polishing Jigs	93	Rigger Gloves	294
OptiFiber Pro OTDR Fluke Networks	108-109	Polishing Pads	93	Rigging Head IA	307
OPX-BOX+ Compact OTDR	113	Polishing Paper	93	Rigging Weight IA	307
Organisers	200-201	Polywater Cable Lubricants	327	Right Angle Patch Panel (Cat 5e)	37
OTDRs	108-118	Port Opening Tools	346	Rigid Cable Protectors	162
OTDR Launch Leads	102	Pouyet Cordsets	352	Ring Polehead	305
Outlets - Telephone	123	Pouyet Wire Insertion Tools	246	Ring Polehead Stand-Off I	305
Outriggers	355	Power Distribution Units	20-21	Rivetter IA	335
Overalls	297	Power Meters	106, 113, 117, 118	RJ11 Crimp Tools	249
Overshoes	296	Power Over Ethernet	130-132	RJ11 Female to RJ45 Male Adaptor	355
P		Power Poles & Posts	164	RJ11 Plugs	125
Padlocks	263	Powerflow Blowing Machine	72	RJ45 Boots	40, 45
Padsaws	223	PPE Kit	295	RJ45 Crimp Tools	249
Paint Marking	379	Precision Screwdrivers	212	RJ45 Modular Plugs Cat. 5e	40
Pair tracers	356-357	Prelude 2000 & 5000 Cable Lubricants	327	RJ45 Modular Plugs Cat. 6	45
Parts Boxes	201	Pre-Terminated Fibre Cable	50	RJ45 Modules Cat. 5e	38-39
PAT Tester	370	Probe Pole Test	304	RJ45 Modules Cat. 6	44
Patch Leads - Cat. 5e	40	Propane Equipment	333-334	RLS50 Cordset	353
Patch Leads - Cat. 6	45	Protection Mat	276	Road Barriers	265
Patch Leads - Fibre	51-53	Protector 18C and 21A	121	Road Cones	264
Patch Panels - Cat. 5e	36-37	Protector and Earthing Bar	121	Road Signs	266
Patch Panels - Cat. 6	43	Protector Mounting 5B	121	Rod & Frames	316
Patch Panels - Fibre	57	Pruners	222	Rod Sets (Internal)	290
Patch Panels - SoHo & Multimedia	13, 136	Pulley Dropwire 4, 6	307	Rods Duct	314
Patching Frames	11	Pulling Eye Subduct	320	Rods Telescopic	311
P-Clips	156	Pulling Winches	287	Roller Ends	317
PDU's	20-21	Pump Lubricant 2A	326	Roller Rope Guiding Surface	288
		Pump Portable & Accessories	277		

Ropes Cabling No.1 and No.4	325	Shelves - Fixed	15, 17, 28	Spring Steel Bars	225
Rotary Hammer Drills	253-254	Shelves - Sliding	15, 17, 28	Spudger	246
Rounding Tool - Microduct	81	Shelves - Telescopic	15, 17, 28	Spurs Electrical	166
Rubber Cable Protectors	163	Shovels	268-269	Stripper Cable Sheath No.5A	87
Rubber Mallet	224	Shovel Cable Laying	269	Stair Climbing Trolleys	203
Rubber Mauls	267	Shovel Holers	271	Stand Drawrope	285
Rucksacks	198	Shovel Stoking	268	Standard Faceplates	46
S		Shovel Trenching	269	Stanley Knives	221
S.D.S Adaptors	389	Siamese Cable	139	Staple Brass	387
SA9083 Multimeter	358	SID Cordsets	352	Staplers	292
SA9083 Replacement Lead Set	355	SID Outrigger	355	Staples Galvanised	311
Sabre Saw	255	SID Wire Insertion Tool	247	Static Safe Kit	372
Sack Trucks	203	Side Cutters	204, 205, 206, 235	Steel Bars	225
Safecamp Ladder Clamps	263	Simplifiber Pro OLTS Fluke Networks	106	Steel Rules	228
Safegate Gate Guards	265	Sin Bin	92	Step Ladders	260-261
Safety Belts	298-299	Siphon	278	Step Manhole No.1 & 2	328
Safety Harnesses	298-299	Site Boxes	281	Steps Pole No.1	305
Safety Voltage Indicator	371	Site Lighting	279	Sticklers Fibre Cleaning Products	100-101
Safety Glasses & Goggles	293	Sleeve Dropwire Protection 2A	307	Stillson Pattern Wrenches	209
Sandbags	265	Sleeving 12	335	Stoking Shovel	268
Sandbags Hessian (Empty)	273	Sleeving Braids	162	Stools	276
Sash Line 2, 15	302	Sleeving Cutters	162	Straight Shank Masonry Drill Bits	259
Saws	222-223	Slick-Line	325	Strap Temporary Hold No. 1, 2	302
Scissors	89, 222	Sling Lifting 4A, 5A, 6A, 10A	303	Strap Tensioning 1A, 2A	302
Scissors Kevlar	89	Sling Wire Rope 1A	302	Straps Cable Fixing	374
Scotchlok™ Crimps & Crimp Tool	125	Slippery Fish Cable Stripper	88	Strip Connection 237D & 237E	121
Screw Coach 3"	305	Snap-In Blanking Panel	138	Strip Designation 53A	121
Screwdrivers	210-212, 235	Snap-In Modules AV	186	Strippers - Cable Sheath	243
Screwdriver Sets	210-212, 235	Snap-Off Knives	221	Strippers - Coaxial	243-245
Screwdrivers - 1000V VDE	212	Snipe Nose Pliers	206-207	Strippers - Electrical Cable	207
Screwdrivers - Bit Sets	214-215	Snow Socks	281	Strippers - Fibre Optic	86-89
Screwdrivers - Cabinet	211	Socket Check Plugs	371	Strippers - Twisted Pair	245
Screwdrivers - Hexagon	216	Socket Outlets - Electrical	166	Strippers - Wire	207
Screwdrivers - Instrument	211-212	Socket Sets	213, 218	Strips Aluminium	311
Screwdrivers - Mains Tester	212	Sockets - Electrical Site	279	Structured Cabling Testers	362-367
Screwdrivers - Multibit	213	Soho Cabinets & Accessories	12	Stud Expanding 1A	329
Screwdrivers - Precision	212	Solder	231	Studding	159
Screwdrivers - Tamperproof Torx	217	Soldering Irons	230	Subduct Cutters	80-81
Screwdrivers - Torx	217	Soldering Kits	230	Subduct Pulling Sling	318
Screwdrivers - Watchmakers	212	Soldering Stand	230	Submersible Pump	277
Screwdrivers Insulated	212, 235	Solvent Adhesive	151	Sub-Racks	122
Screws - Cavity Wall	389	Sonde	369	Suction Hose	277
Screws - Plaster Board	389	Spades	268-270	Suction Lifters	292
Screws - Wood	387	Spade Digging	268	Suparule Height Meter Digital	310
Screws - Self-Tapping	387	Spade Rabbitting	270	Superglue	391
SDS Adaptors	258	Spanners	219-220	Surface Mount Boxes Cat 5e	39
SDS Drill & Steel Drill Sets	256	Spanner Cranked 10mm	308	Switches - Networking	128-131
SDS Hammer Drills	253-254	Spectacles Laser	101	Swivel Joints	319
SDS Masonry Drill Bits	259	Spiral Wrap	162	Syringe Dispenser - Fibre	92
Sealant Gun	391	Spirit Levels	228	T	
Sealants	391	Splice & Connector Cleaners	100	T Handle 20" Manhole Key (Pair)	331
Security & Alarm Tracing Kits	356	Splice Cassettes	55	Tabbing Shears	238
Security Drivers & Bit Sets	216-217	Splice Enclosures	64-65	Tackers	292
Self Adhesive Backboxes	47	Splice Protectors	56	Tag Marker	374
Self Adhesive Mini PVC Trunking	142	Splicers	96, 118	Tailed Line Adaptors	124
Self Adjusting Cutter Stripper	207	Splicing Fid	325	Tamperproof Torx Screwdrivers	217
Self Grip Wrenches	209	Splicing Work Tray	311	Tape Measures	227
Series 43 Crimp Tools	250	Split Bellmouth	288	Taper Drills HSS	257
Server Cabinets & Racks	16, 24, 25, 26, 27	Splitter Box	279	Tapes - Densyl	390
Service Engineer's Toolkits	174-179	Splitters	131	Tapes - Gaffer	390
SFP Port Modules	130	Spoil Sheet	276	Tapes - Hazard Warning	390
Shackle Nos. 1, 2 & 10	324	Spoons Excavating	271	Tapes - PVC Insulation	390
Sharpie Pens	379	Spray Dewatering	391	Tapes - Self Amalgamating	390
Sharps Bin	92	Sprail Bind	162	Tarpaulins	276
Sheet Rubber Self Adhesive	339	Spring Ends	317	TDRs	350, 358, 359, 361
Sheets	276	Spring Hook Sets	230	TDUX Equipment	343
Shelves - Cabinets	11, 12, 13, 17, 28, 29	Spring Nuts	159	Teclube HD & FO	326

Technicians Cases	197	Trenching Forks	267	Wall Boxes / Cabinets	10
Telecom Connection Boxes	121	Trenching Shovel	269	Wall Boxes & Adaptors - Fibre	58-59
Telecom Line Splitter	124	Tri-Hole Miller Fibre Stripper	86	Washer Galvanised 4, 17, 18, 19	312
Tele-Mate Test Telephones	348	Trim Tool Kits	372	Washers	159, 388
Telenco Banding Tool	310	Trolleys	203	Watchmakers Screwdrivers	212
Telenco Cable Clamp	310	Trousers Hi-Vis	297	Water Absorbent Traffic Bags	265
Telenco Hook Aerial Cable	310	Trowels	267	Water Containers	273
Telenco Mounting Bracket	310	Trumeter Measuring Wheel	272	Water Pumps	277
Telephone And Modem Adaptors	124	Trunking	142-150, 161	Water Sampling Kit	300
Telephone And Modem Extension Leads	125	Trunking - Bench PVC	148-149	Waterproof PVC Gloves	294
Telephone Boxes	123	Trunking - Dado PVC	146-147	Waterproof Sheets	276
Telescopic Ladders	260-261	Trunking - Galvaised Metal	161	Waterproof Suit	297
Telscout TS90 TDR	358	Trunking - Maxi PVC	144	Waterpump Pliers	204
TENIO Fibre Closures	344	Trunking - Mini PVC	142	W	
Tensioner 2B	307	Trunking - Mini PVC Self Adhesive	142	Wedge Anchors & Tools	389
Tensioner 3A	302	Trunking Accessories	142-150, 161	Wedge Locking 23A, 24A and 25A	121
Tensioner Wire Stay	307	Trunking Cleaner	146	Wet & Dry Vacuum	282
Tensioners	374	Tube Cutters - Fibre	80-81	Wet Wipes	392
Tents	274-275	Tube Measuring Gauge	81	Wi-Fi Equipment	132
Terminal Crimping Tools	208	Tube Reaming & Deburring Tool	81	Winches	287
Terminal Strips - Electrical	166	Tubing Plastic Flexible	335	Wipes - Cable Cleaning	327
Termination Tools	246-247	Tweezers	101	Wipes - Hand	392
Test Leads	352-355	Twin & Earth Cable	166	Wire Brushes	272
Test Telephones	348-351	Twist Drill Bits	259	Wire Cable Basket	158
Tester 132J Kit	357	Twisted Pair Strippers	245	Wire Insertion Tools	246-247
Tester 430A & B	358	Twister Pole	304	Wire Map Tester	362-363
Thermometer Infrared	372	TX Star Key Sets	216	Wire Strippers	207
Threaded Rods	159	TX2002 TDR	359	Wire Thimbles	171
Through Coupler Cat 6	45	TX2003 TDR	359	Wire wrapping/unwrapping	252
Titanium Tools (Non-Magnetic)	236	TX6000 TDR	359	Wireless Access Points	132
Tone & Probe Kits	356-357	U		Wireless Ceiling Points	132
Tone Tracer Kits	356-357	Umbrellas	275	Wiring And Cable Tackers	292
Tool Aprons, Pouches and Belts	199-200	Umbrella Clamps	275	Wood Augers	258
Tool Backpacks	198	Underground Burial Conduit	154	Wood Screws	387
Tool Bags	195-197	Unistrut Type Channel	159	Work Area Protection Mat	276
Tool Bag - Fibre	90	Universal 19" Mounting Bracket	18	Work Platforms	260
Tool Boxes	194	Urinal	300	Work Positioning Belt	298-299
Tool Cases	190-191	URLS Cordset	353	Work Tray Pole Splicing	311
Tool Chests	192-193	U-Shackle	317	Workbenches	278
Tool Pouches	199-200	Utilities Key 4 Way	331	Worklights	232-233
Tool Roll	196	UTP Cable	34, 35, 42	Wrapping/Unwrapping Tools	252
Tool Rucksacks	198	UTP/STP Cable Strippers	245	Wrecking Bars	225,267
Tool Tote Bags	195	UTP/STP Termination Kit	248	Wrench Sets	219
Tool Valve Air Repair	337	V		Wrenches	219-220
Tool Wallet	198	Vacuums	282	Wrenches - Adjustable	220
Toolkits - 1000V VDE	187,235	Valve Air 1, 5, 6	336-337	Wrenches - Footprint	209
Toolkits - Blown Fibre	79	Van Kits	174	Wrenches - Self Grip	209
Toolkits - CATV	185	Van Vaults	281	Wrenches - Stillson Pattern	209
Toolkits - Copper Jointing	184	VeEeX DI-1000 Fibre Inspection Scope	113	X	
Toolkits - Data & Voice	180-183, 188	VeEeX Fibre Test Equipment	112-116	XAGA Joint Closures	340-341
Toolkits - Electrician's	186	VeEeX FX150 Mini OTDR	115	XTL Labelling Products	380-381
Toolkits - Fibre Cold Cure	91	VeEeX FX300 Multi-function Fibre Test Platform	116	Z	
Toolkits - Fibre Inspection & Cleaning	98-100	VeEeX FX40 Series OLTs	113	Zebedees	159
Toolkits - Fibre Jointing	83	VeEeX MTTplus Modular Fibre Test Platform	115	Zeitler Fibre Blowing Machines	77
Toolkits - Fibre Splicing	84-85	VeEeX OPX-BOX+ Compact OTDR	113		
Toolkits - Rackmount	188	Velcro Ties	377		
Toolkits - Service Engineer's	176-179	Ventilation Panels	135		
Top Cutter	204	Versiv Fluke Networks	107		
Torches	232-233	Vertical Distribution Frame	122		
Torque Wrenches	251	Visual Fault Locators	104		
Torx Drivers & Bit Sets	214-217	Voice Cable	120		
Torx Screwdrivers	217	Voice Modules	123		
Tote Bags	195	Voice Patch Panels	123		
Tote Containers	202	Voltage Detectors	371		
Traffic Sandbags	265	Waist Coat Hi-Vis	297		
Transformers	279	Walkie Talkie	369		
Trench Tents	275				

CALL US NOW ON: **020 8833 2626**

OR TO ORDER ONLINE: **millsltd.com**



OTHER USEFUL INFORMATION:

SALES/TECHNICAL SUPPORT **020 8833 2626**

ACCOUNTS

020 8833 2622

CUSTOMER SERVICES **020 8833 2644**

MY ACCOUNT NUMBER:

--	--	--	--	--	--	--	--	--	--

Tel: 020 8833 2626
Fax: 020 8833 2600
Email: sales@millsltd.com



13 Fairway Drive,
Fairway Industrial Estate,
Greenford, Middlesex UB6 8PW

