

Maxxam Cat 6A 24 Port Shielded PCB Patch Panel 1U



- Standards compliant
- Krone or 110 termination
- High density
- Integral cable management
- Shuttered ports

Features:

- Hinged shutters prevent contact contamination
- 360° screen connection
- Termination using Krone or 110 Tool
- Cover easy to fit and remove
- Protected labelling facility
- Individually numbered ports
- Colour coded labels for 568A & 568B wiring configurations



Product Overview:

The Maxxam Cat 6A 24 Port Shielded PCB Patch Panel 1U offers Cat 6A compliant performance and supports high speed protocols such as 10G Ethernet. The panel is backwards compatible to all preceding cabling categories, ensuring support of all IP applications.

The individually shuttered ports prevent contamination of contacts in unused ports. The shutters can be easily removed if not required. The horizontally mounted PCB provides easy termination using either a Krone or 110 punch down tool and there are colour coded labels for both 568A and 568B wiring configurations.

Cable screen termination clamps and an overall metal cover ensure protection from Electromagnetic Interference and a 400mm drain wire is supplied with the panel to provide a connection to the cabinet or rack earth bonding system.

Technical Data:

Standards Compliant	ANSI/TIA-568-C.2, ISO/IEC 11801, BS EN 50173
Height	1U (44mm)
Depth	110mm
Chassis	1.2mm Black powder coated mild steel
RJ45 Contacts	Nickel Plated Phosphor Bronze with 50 μ Gold on plug contact area
IDC Body	UL94V-2 Plastic
IDC Contacts	Phosphor Bronze with Tin Plating
IDC Wire Gauge	22-26 AWG
RJ45 Life	Minimum 750 mating cycles
Retention Strength	7.7kg between jack and plug
Operating Temperature Range	-10 to +60°C
Dielectric Strength	1000V RMS at 60Hz for 1 minute
Insulation Resistance	500m Ω minimum
Contact Resistance	2m Ω per contact
PCB	FR4, UL 94-0

Supported Applications:

- ➔ 10Base-T Ethernet
- ➔ 100BASE-TX Fast Ethernet
- ➔ 1000BASE-T Gigabit Ethernet
- ➔ 10GBASE-T 10 Gigabit Ethernet
- ➔ Digital and Analogue Voice
- ➔ ISDN

Ordering Information:

Part No.	Description
XX6A0061	Maxxam Cat 6A 24 Port Shielded PCB Patch Panel 1U

Warranty:

The Maxxam 25 year Warranty guarantees Permanent Link and Channel performance to the relevant cabling standard when Maxxam cabling products are installed by a Maxxam Installer Partner. Performance to the relevant cabling standards ensures support of all applications designed to run over the cabling system.

