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# Garland 1RU 19", 24 Port Patch Panel, CAT 6 and CAT 5e

- 1RU 19" modular design
- 24 port density
- Comes with rear cable management tie down frame
- Dual colour-coding for 568 A/B wiring configuration
- 4 x 6 ganged jack configuration
- RJ-11 & RJ-12 compatible
- Includes all mounting screws and cage nuts



The Garland CAT 6 and CAT 5e patch panels are versatile products that provide an economical means of terminating horizontal cabling for cross-connection to trunk cabling and/or local network switches.

These products are supplied with a removable rear cable management tie down frame and can be used for Links and Channels carrying Ethernet signals up to 1 Gigabit\*. The IDC is capable of accepting both Krone LSA and 110 type punch down tools and is configured in two straight lines making cable alignment and installation easier.

Offering both front and rear labelling, these patch panels are constructed of cold rolled steel with a durable black powder coated finish.

## Physical Characteristics

Details	
Dimension	48. (W) x 44 (H) x 98 (D) mm
Weight	1.4 kg
Finish	Powder coated metal panel in dark charcoal finish
Material	Cold Rolled Steel (CSR)
Rack Size	19 inch 1 RU

## Electrical Characteristics

Details	
DC Interface Resistance	20 milliohms
DC Resistance Imbalance	2.5 milliohms
Insulation Resistance	>100 Megaohms

\*NOTE: MT64524M is suitable for applications up to 1 GBit  
MT54524EM is suitable for applications up to 100MBit.

## Mechanical Characteristics

Details		
Jack	Plastic Housing	Thermoplastic. UL94V-0 rated or equivalent
	Operating Life	Minimum 750 insertion cycles
	Contact Material	Phosphor Bronze
	Contact Plating	Gold over Nickel
	Contact Force	100g minimum
IDC	Plug Retention Force	25 lb.
	Plastic Housing	Polycarbonate, UL94V-0 rated or equivalent
	Operating Life	Minimum 200 re-terminations
	Contact Material	Phosphor bronze
	Contact Force	100g minimum
Wire Accommodation	22-24 AWG solid	

## Commercial Standards

Details	
ANSI/TIA/EIA-568-C.2 Compliant	
EN 50173-1:2002 Compliant	
ISO/IEC 11801 Class E for MT64524M (Cat6)	
ISO/IEC 11801 Class D for MT54524EM (Cat5e)	
FCC Subpart F 68.5 Compliant	
ACMA Compliant	

## Ordering Information

Part Number	Description
MT64524M	Patch Panel, 24 Port, 1RU, Cat6
MT54524EM	Patch Panel, 24 Port, 1RU, Cat5e

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