Farnell Order Code 308-5016

molex®

24 Port PowerCat Category 5E Patch Panel with Cover

Features and Benefits

The Molex Premise Networks 24 patch panel provides the KATT IDC in a horizontal format that allows for easy termination and installation. A cover is provided for protection of the terminated IDC. The integral rear cable management tray was specifically designed for neat and easy cable dressing. The front of the panel has a protected labelling system for clear port labelling.

Suitable for high speed data transmission, this panel was designed to meet the highest performance standards in the industry, utilising the PowerSum principle of measurement and testing.

Molex Premise Networks patented KATT IDC is dual colour coded allowing for 568A and 568B wiring and is terminable using industry standard tooling. Fixing kit, cable ties and installation instructions are included.

- PowerCat (Category 5E) performance
- 24 Ports 1U
- PCB Mounted KATT IDC
- EIA 568B wired
- RJ45 jacks
- Standard 19" rack mounted
- Graphite grey textured finish

Reference Information

Technical Information

Termination Tools: Molex Premise Networks and other industry standard installation tools

IDC Terminations: Suitable for 0.4mm - 0.6mm solid or stranded cable, minimum o.d. 1.5mm

Jack Connector

Operating Life:	Min. 1000 insertion cycles
Contact Material:	Copper based alloy
Contact Plating:	1.25 micrometres Au/Ni
Material:	UL Listed Connector

IDC Connector

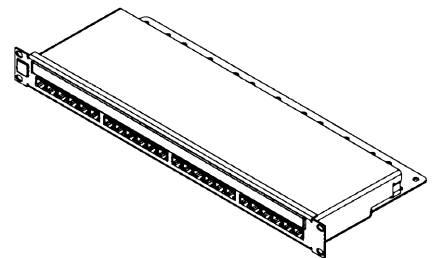|	
Operating Life:	Min. 100 Reterminations
Contact Material:	Copper based alloy
Contact Plating:	Sn/Pb over Ni
Wire Accommodation:	2 x 22-26 AWG solid or stranded

Electrical

D.C. Resistance:		$<20m\Omega$
D.C. Resistance Imbalance:		$<2.0m\Omega$
Insulation Resistance:		$>100M\Omega$
Attenuation(dB)	@ 1MHz	0.001
	@ 16MHz	0.01
	@ 100MHz	0.03
Crosstalk(dB)	@ 1MHz	-79.0
	@ 16MHz	-65.0
	@ 100MHz	-46.0
PowerSum Worst Pair(dB)	@ 100MHz	-42.8
Return Loss (dB)	@ 1MHz	-62.0
	@ 16MHz	-54.0
	@ 100MHz	-22.0

Standards : ISO 11801 /EN50173/ TIA 568A

Shipping Weight: 2kg

Order No.	Description
27.1B.241.A005G	24 Port PowerCat (C5E) Patch Panel with Cover