

FEATURES AND SPECIFICATIONS

Features and Benefits

The Molex Premise Networks 24 Port Shielded Patch Panel provides the KATT IDC in a horizontal format that allows for easy, time saving termination and installation. Overall shielding using a zinc plated steel cover is completed by a metallic foam strip which acts as a shield contact for incoming cables. The integral cable management tray was specifically designed for cable strain relief and neat and easy cable dressing. The front of the panel has a protected labelling system for clear port labelling.

This panel is recommended for installation in areas where there are high levels of Electro-magnetic Interference (EMI). Designed to meet high performance standards, the PCB assembly utilises the PowerSum principle of crosstalk measurement and testing, ensuring excellent Category 5E performance.

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

- 24 Ports 1U RJ45
- Fully shielded with zinc plated steel cover
- 8 way IDC blocks plus individual IDC for drain wire
- Category 5E
- Standard 19" rack mount
- Graphite grey textured finish

Technical Information

Termination Tools

Molex and other industry standard installations tools

Mechanical

Jack Connector

Operating Life: Minimum 1000 insertion cycles
 Contact Material: Copper based alloy
 Contact Plating: 1.25 micrometers Au/Ni

IDC Connector

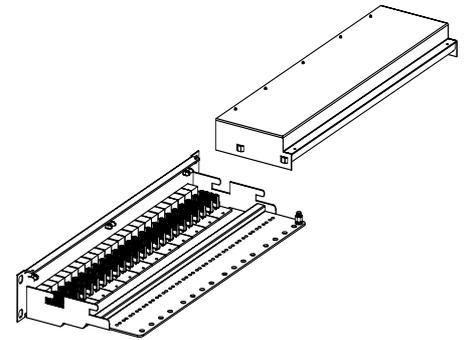
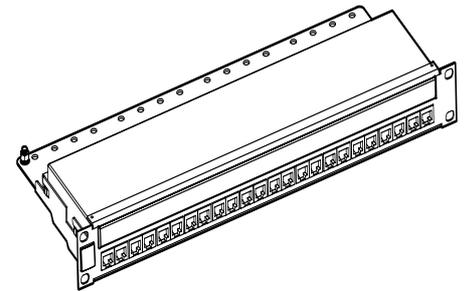
Operating Life: Minimum 200 reterminations
 Contact Material: Copper based alloy
 Contact Plating: Sn/Pb over Ni
 Wire Size: 2x 22-26 AWG solid or stranded

Electrical

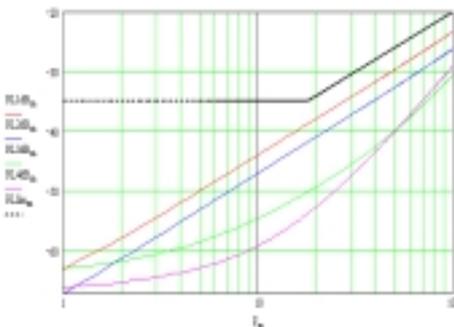
D.C. Resistance: <20m Ω
 D.C. Resistance Imbalance: <2.0m Ω
 Insulation Resistance: >100M Ω

Attenuation (dB)	@ 1MHz	0.01
	@ 16MHz	0.02
	@ 100MHz	0.04
Crosstalk (dB)	@ 1MHz	-87.75
	@ 16MHz	-62.07
	@ 100MHz	-46.47
PS Worst Pair	@ 100MHz	-43.38
Return Loss (dB)	@ 1MHz	-63.15
	@ 16MHz	-39.75
	@ 100MHz	-23.26

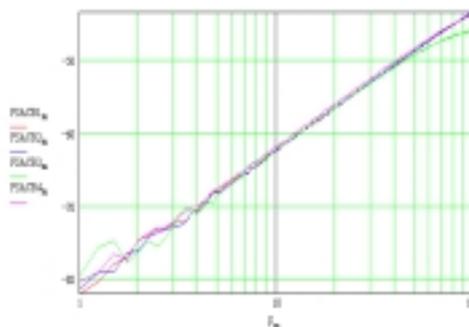
molex® 24 Port Shielded Patch Panel PowerCat C5E



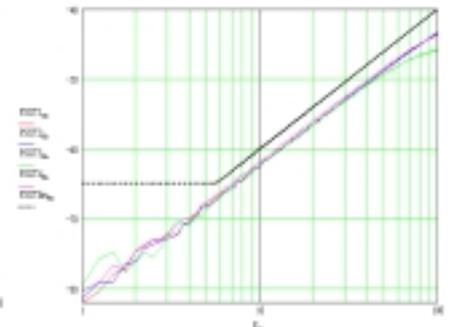
Return Loss



PowerSum ACR



PowerSum NEXT



Order No.	Description
PID-00075	24 Port Patch Panel 568A/B Category 5E

MOLEX PREMISE NETWORKS

Molex Premise Networks
 Corporate Headquarters
 Tel: 603 324 0200
 www.molexpn.com

Western Europe Headquarters
 Tel: 44 (0)1489 572111
 www.molexpn.co.uk

Eastern Europe Headquarters
 Tel: 48 22 36 92 51
 www.molexpn.com.pl

Asia Headquarters
 Tel: 852 2637 3759
 www.molexpn.com.hk

South Pacific Headquarters
 Tel: 61 3 9747 8322
 www.molexpn.com.au

Molex Incorporated
 Tel: 630 969 4550
 www.molex.com