



24 Port PowerCat FTP Patch Panel with cover Category 5E

Features and Benefits

Molex Premise Networks FTP 24 Port PowerCat 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. The panel contains 24 shielded jacks and a 9th IDC for the termination of the drain wire. Additionally a earthing screw point is fixed to the cable management tray.

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 included.

- 19" Rack Mountable 1U
- Protected front labelling system for clear port identification
- Enhanced rear cable management for efficient cable dressing
- Vertical KATT IDC presentation for easier termination
- Rear cover provides protection from dust and accidental damage
- EIA 568B wired
- Provides through shield continuity

Technical Information

Termination Tools :

Molex and other industry standard installation tools

IDC Terminations

Suitable for 0.4mm - 0.6mm solid or stranded cable, maximum o.d 1.5mm

Two wires may be terminated for daisy-chain applications.

Jack Connector

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

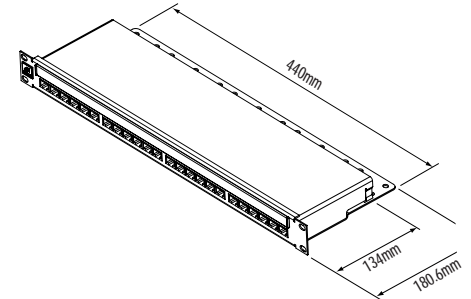
IDC Connector

Operating Life : Minimum 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 : <20mΩ
D.C. Resistance Imbalance : <2.0mΩ
Insulation Resistance : >100MΩ

| | | | |
|---------------------|---|--------|--------|
| Attenuation (dB) | @ | 1MHz | 0.001 |
| | @ | 16MHz | 0.01 |
| | @ | 100MHz | 0.03 |
| Crosstalk (dB) | @ | 1MHz | -79.00 |
| | @ | 16MHz | -65.00 |
| | @ | 100MHz | -46.00 |
| PowerSum Worst Pair | @ | 100MHz | -42.80 |
| Return Loss (dB) | @ | 1MHz | -62.00 |
| | @ | 16MHz | -54.00 |
| | @ | 100MHz | -22.00 |



| Order No. | Description |
|-----------|--|
| PID-00030 | 24 Port Powercat FTP Patch panel with cover 568A/B Category 5E |

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