

Features and Benefits

The Molex Premise Networks 24 and 48 Port patch panels are a versatile means of connecting horizontal cabling. Featuring an integral rear cable management tray for ease of installation and cable dressing, and individual port labelling front and rear for site specific network administration.

Suitable for high speed data transmission, these panels were 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 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

Commerical Standards

ISO 11801 /EN50173/ TIA 568A

Technical Information

Mechanical Characteristics

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

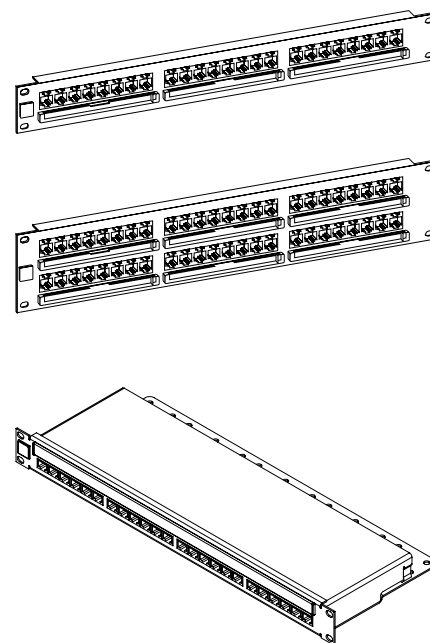
Electrical/Optical Characteristics

D.C. Resistance: <20mΩ
 D.C. Resistance Imbalance: <2.0mΩ
 Insulation Resistance: >100MΩ
 Attenuation(dB)
 @ 1MHz +0.15
 @ 16MHz -0.07
 @ 100MHz -0.18
 Crosstalk(dB)
 @ 1MHz -75.00
 @ 16MHz -65.00
 @ 100MHz -44.5
 PowerSum Worst Pair(dB)
 @ 100MHz -41.9
 Return Loss (dB)
 @ 1MHz -46.00
 @ 16MHz -50.00
 @ 100MHz -28.00

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

Shipping Weight:
 24 Port 1.06kg
 24 Port with cover 2kg
 48 Port 1.76kg



ORDERING INFORMATION

Order No.	SAP No.	Description
27.1B.241.A005G	Consult Molex	24 Port PowerCat 5E Patch Panel with Cover
PID-00058	Consult Molex	24 Port Panel PowerCat 5E 1U 568B
PID-00059	Consult Molex	48 Port Panel PowerCat 5E 2U 568B
PID-00063	Consult Molex	24 Port Panel PowerCat 5E 1U 568B (without 1 - 24 port no marking)
PID-00064	Consult Molex	48 Port Panel PowerCat 5E 2U 568B (without 1 -48 port no. marking)

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