

Features and Benefits

The PowerCat 6 Shielded Patch Panel features the shuttered shielded DataGate™ connector, which is dual colour coded for either 568A or 568B wiring. The panel comes complete with an integral cable management tray for cable strain relief and tidy cable dressing. Port numbering is provided on the front and rear of the panel and individual ports may be colour coded using connector icon labels for site-specific network administration.

- 24 Ports 1U
- Rear cable management included
- Colour coded port option
- 360° shielded shuttered DataGate connector
- 568A/B wiring schedule
- Graphite grey finish

Commercial Standards

Category 6:
TIA/EIA 568B-2-1, FCC Subpart F68.5,
ISO 60603-7,
ISO 11801:2002, EN 50173:2002

Technical Information

Mechanical Characteristics

IDC Connector
Plastic Housing: Polycarbonate, UL94V-0 rated or equivalent
Operating Life: Minimum 20 reterminations
Contact Material: Copper Alloy
IDC Contact Plating: Tin/Lead Plate
Contact Force: 100g minimum
Wire Accommodation: 22-24 AWG solid

Patch Panel

Material: CRS (cold rolled steel)
Thickness: .060" (1.52mm)
Coating: Graphite Grey Powdercoat

Jack Connector

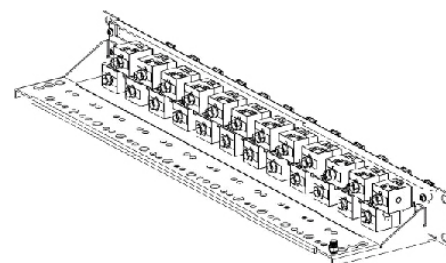
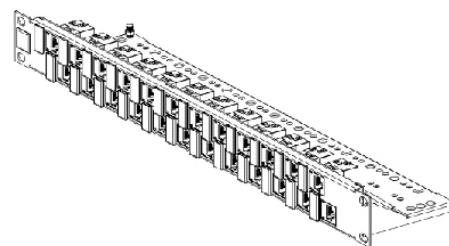
Plastic Housing: Polycarbonate, UL94V-0 rated or equivalent
Operating Life: Minimum 750 insertion cycles
Contact Material: Copper Alloy
Contact Plating: 1.25 micrometres Au/Ni
Contact Force: 100g minimum
Plug Retention Force: 6.8kg
Can: 0.25mm brass to C2680R pre-plated tin over nickel

Electrical/Optical Characteristics

Interface Resistance: 20mΩ
Initial Contact Resistance: 2.5mΩ
Insulation Resistance: >100 MΩ

Termination Tool: 110
Shipping Weight: 1.34kg

Dimensions: 44mm x 483mm x 103mm



ORDERING INFORMATION

Order No.	SAP No.	Description
PID-00182	Consult Molex	PowerCat 6 24 Port Patch Panel 568A/B Shielded with Cable Management - 1U
Accessories		
CSP-00021-**	Consult Molex	Connector Icon Label



Insert color code in place of ** in part number when ordering PowerCat 6 Accessories:
01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Grey, RD = Red, BL = Blue, GR = Green, YL = Yellow, RG = Orange, PP = Purple

MOLEX PREMISE NETWORKS

Americas
Tel: 630 969 4550
www.molexpn.com

EMEA
Tel: 44 (0)2392 205800
www.molexpn.co.uk

APAC
Tel: 61 3 9971 7111
www.molexpn.com.au