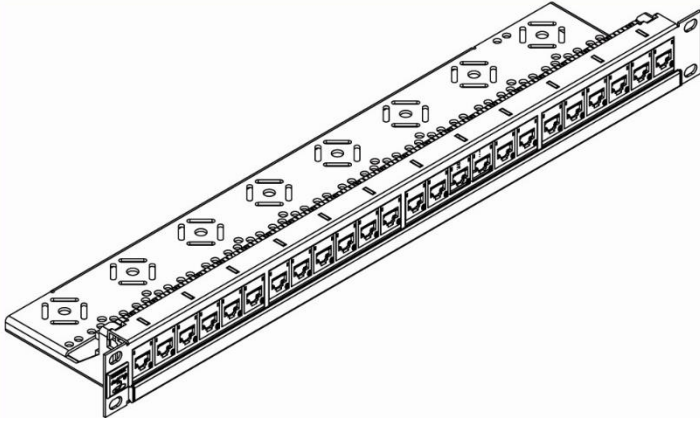
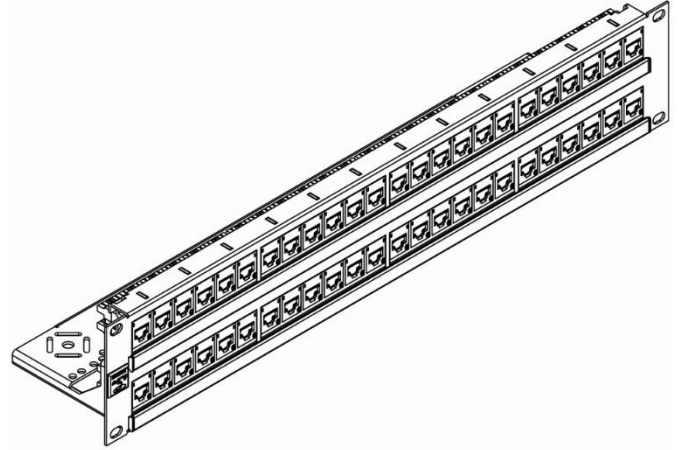




POWER CAT 5E & 6 PATCH PANELS



1U 24 PORT PATCH PANEL



2U 48 PORT PATCH PANEL

1.0 SCOPE

This document provides Installation instructions of PowerCat 5e & 6 patch panels

2.0 PRODUCT DESCRIPTION

PowerCat 5e & 6 patch panels

Ordering information

| Order No. | Description |
|-----------|---|
| PID-00174 | 1U 24 Port PowerCat 5e Patch Panel 568A/B with Cable Management |
| PID-00175 | 2U 48 Port PowerCat 5e Patch Panel 568A/B with Cable Management |
| PID-00141 | 1U 24 Port PowerCat 6 Patch Panel 568A/B with Cable Management |
| PID-00142 | 2U 48 Port PowerCat 6 Patch Panel 568A/B with Cable Management |

3.0 PROCEDURE

3.1 ASSEMBLY INSTRUCTIONS

1. Termination Tool

110 termination tool set on low impact



| | | | |
|----------------------------|---|---|--------------------------|
| EC/ECM NO: 115310 | SAP NO : 187000221 | Doc No: AS-18700-057 Doc part: AS | REV- B2 |
| SAP EC NO: 10832335 | http://www.molexces.com/ | | DATE: 2017/MAY/11 |

Parts List

- 1) Patch Panel
- 2) Cable management shelf
- 3) Global hardware kit
- 4) Front label extrusion with label

Note: Only one cable management shelf included with each 1U 24 port and 2U 48 port patch panel.

Step 1

With the hardware kit provided, mount panel to rack so that the jack ports are facing forward and the IDC connectors are in the rear.

Step 2

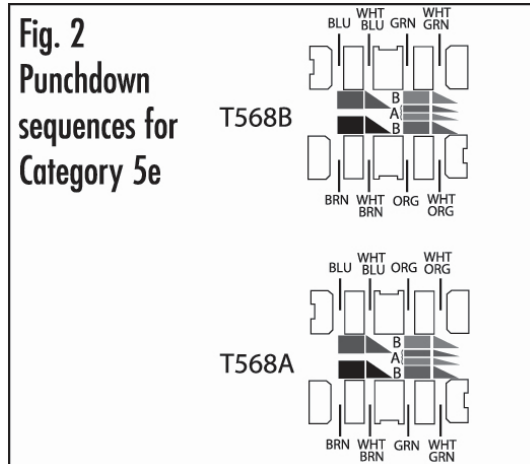
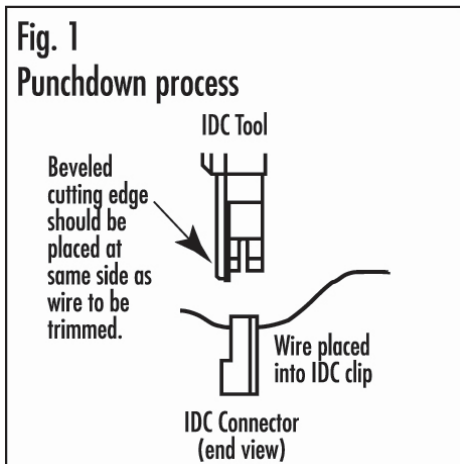
Route cable along intended pathway through the frame or enclosure to the desired location on the rear-side of the panel. Allow a 6" slack or service loop at the rear of the panel. A 1.5" minimum bend radius for each port is recommended during termination and dressing of individual ports.

Step 3

Prepare individual 4-pair cables by stripping back insulation 1.5" exposing individual wires.

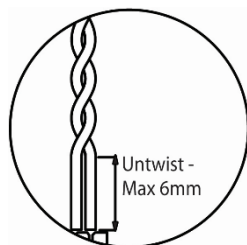
Step 4

Beginning with jack one, located on the far-right top row, terminate ports by laying the wires in the proper sequence across the contacts and by punching down with a punch down tool (see Fig. 1 & Fig. 2).

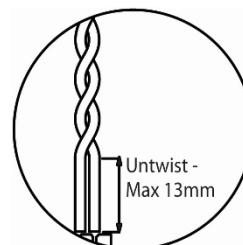


Follow color code on label as marked with "B"

Follow color code on label as marked with "A"



POWER CAT 6



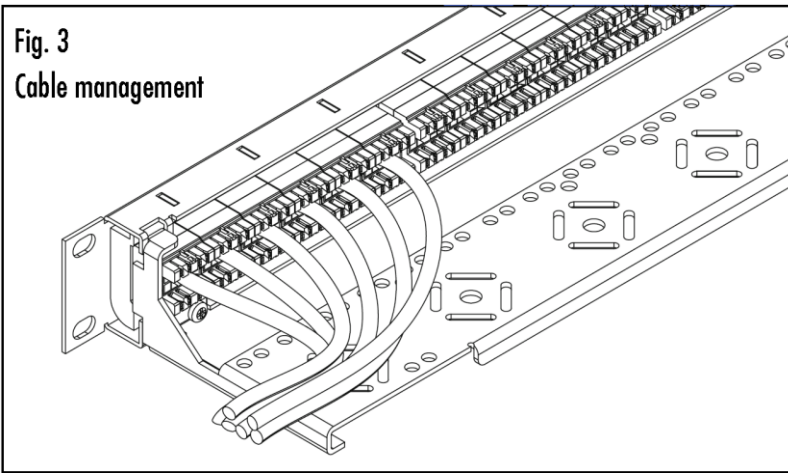
POWER CAT 5E

Step 5

Assemble rear cable management shelf to the patch panel and tie down Terminated cables with cable ties or Velcro straps (see Fig. 3).

Note: Cable ties or Velcro straps are not included with panel.

Fig. 3
Cable management



Step 6

Utilize the labeling directions supplied on the label sheets in order to print the Labels. Slide in two label inserts per label extrusion. Mount a loaded label extrusion onto the front of the patch panel by inserting into extrusion mounts (see Fig. 4).

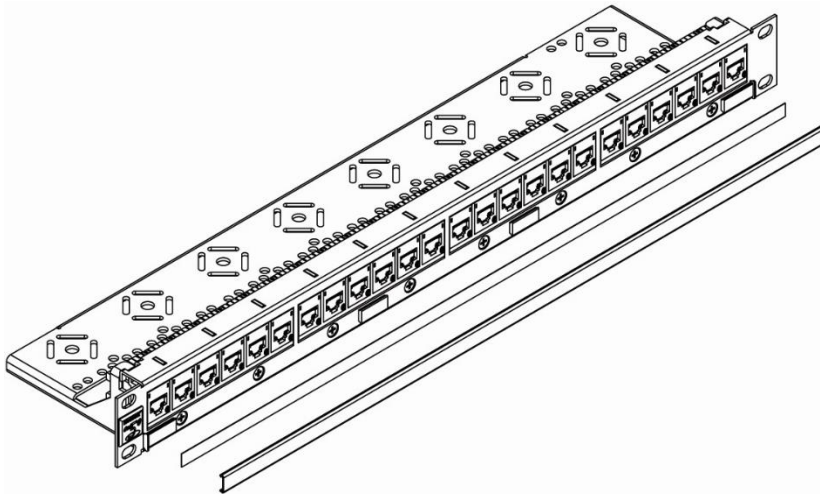


Fig. 4

Label extrusion demonstrations.