



Power Cat 6A Data Gate Shielded Patch Panel

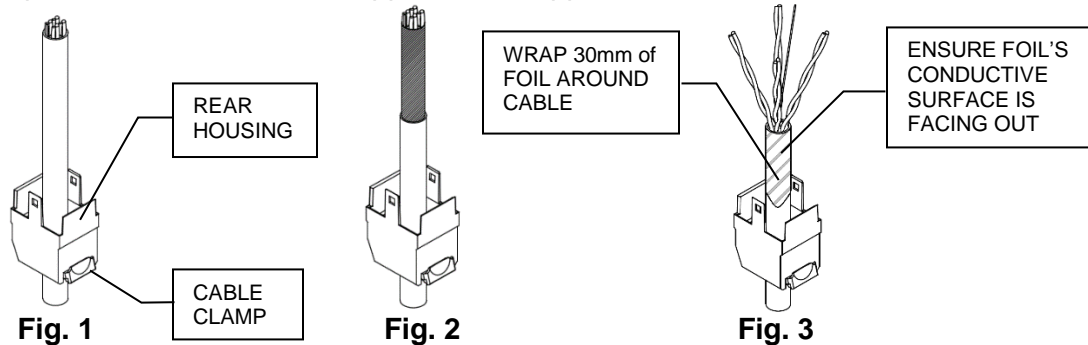
1.0 SCOPE

This document provides installation instructions for Molex Power Cat 6A Data Gate Patch Panel.

2.0 PROCEDURE

Tools required:

- 110 punch down tool, cable strippers, wire clippers, and screwdriver



U/FTP cable preparation:

1. Ensure rear housing cable clamp is open (as showing in figures)
2. Slide rear housing on to cable (see Fig. 1)
3. Remove 75mm (3") of cable sheath with cable stripper (see Fig. 2)
4. Unwrap and remove 3 of the twisted pair's foils with wire clippers
5. Wrap approx 30mm (1.2") of 4th foil down length of cable sheath (see Fig. 3)
 - Ensure cable foil's conductive surface is facing out

F/UTP cable preparation:

1. Ensure rear housing cable clamp is open (as shown in figures)
2. Slide rear housing on to cable (see Fig. 1)
3. Remove 75mm (3") of cable sheath with cable stripper (see Fig. 2)
4. Unwrap overall foil from cable
5. Remove cable cellophane wrap and center section with wire clippers
6. Wrap approx 30mm (1.2") of foil down length of cable sheath (see Fig. 3)
 - Ensure cable foil's conductive surface is facing out

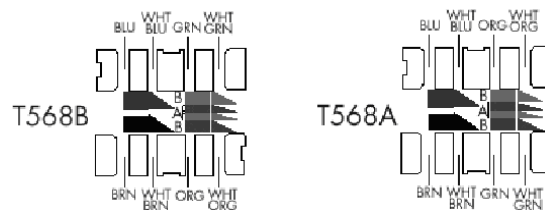
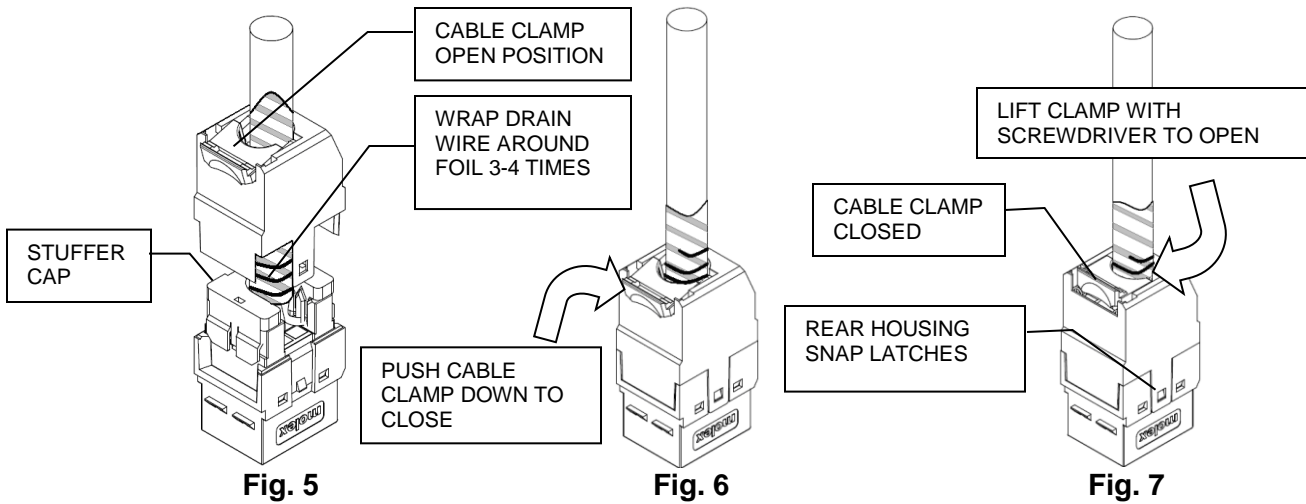


Fig. 4

Cable termination to jack:

1. Wiring map (see Fig. 4)
2. Untwist cable pairs and punch down wires to corresponding jack IDT contacts with 110 tool
3. Ensure wires are trimmed flush to IDT towers
4. Ensure cable sheath is maintained up to the jack

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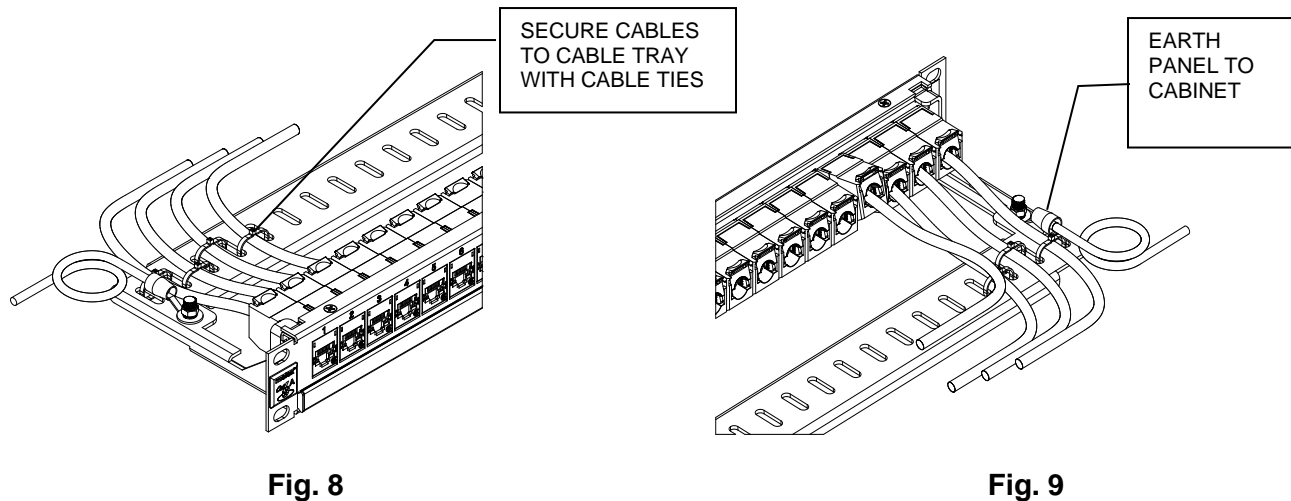


To fit rear housing to jack:

1. Fit cable strain relief stuffer cap to IDT towers (see Fig. 5)
2. Wrap drain wire around cable foil 3 - 4 times (see Fig. 5)
3. Snap rear housing to jack (see Fig. 6)
4. Push clamp down to close clamp (see Fig. 6)
 - Ensure cable clamp clamps down on wrapped drain wire
 - Trim excess foil with clippers

To remove rear housing from jack:

1. Lift cable clamp with screwdriver (see Fig. 7)
2. Lift rear housing snap latches with screwdriver (see Fig. 7)
3. Pull rear housing apart from jack



To assemble jack to patch panel. (Fig. 9)

1. Orientate jack to panel as shown
2. Slide in jack into patch panel port opening at slight angle
3. Snap jack into panel by pushing down on top of jack

To dress cable to patch panel cable tray:

1. Secure cables to cable tray with cable ties (see Fig. 8)
 - Ensure cable are dressed neatly to cable tray
 - Ensure a minimum 29mm (1") of bend radius is maintained
 - Ensure cable tie does not over compress cable
2. Individually Earth each patch panel to cabinet Earth position (see Fig. 9)