



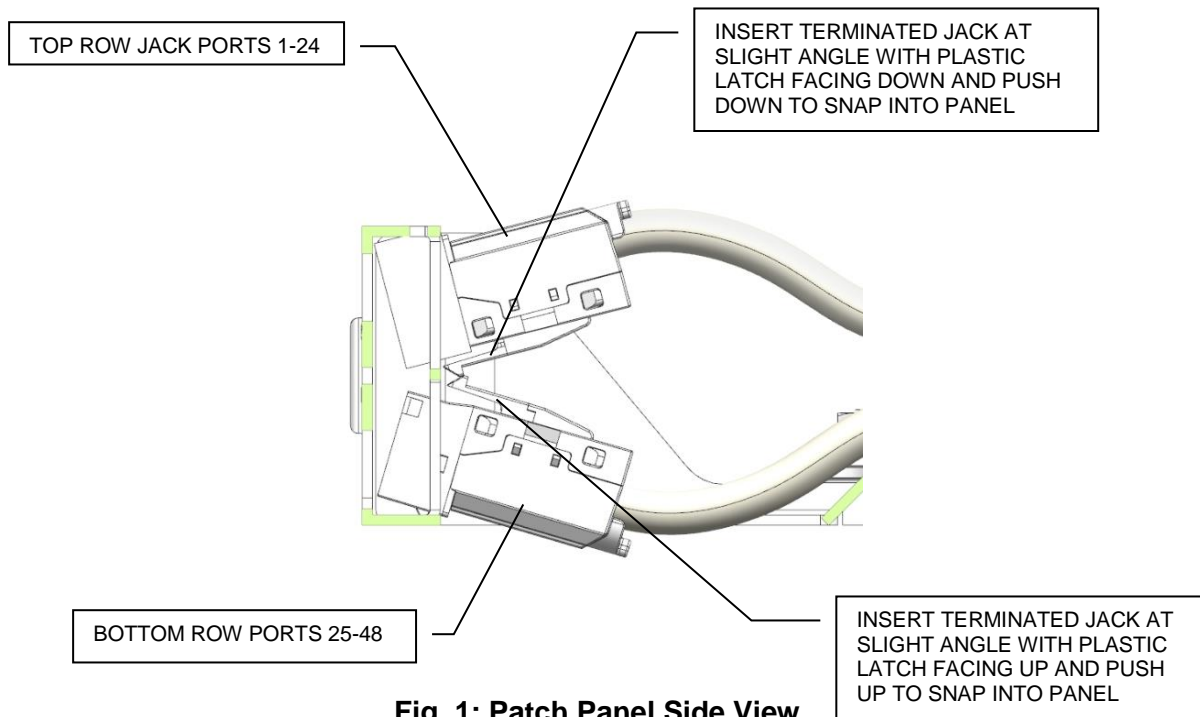
# INSTALLATION SPECIFICATION

## SCOPE

This document provides installation instructions for Molex 1U 48 Port Tool-less Keystone Unloaded Patch Panel.

This panel must be used with Molex C6 UTP Tool-less Keystone Jack, P/N KSJ-00087, or Molex C6A Tool-less Keystone Shielded Jack, P/N KSJ-00088 (jacks sold separately). Note, C6A Tool-less Keystone Jacks are shown in figures for illustration purpose.

## PROCEDURE



**Fig. 1: Patch Panel Side View**

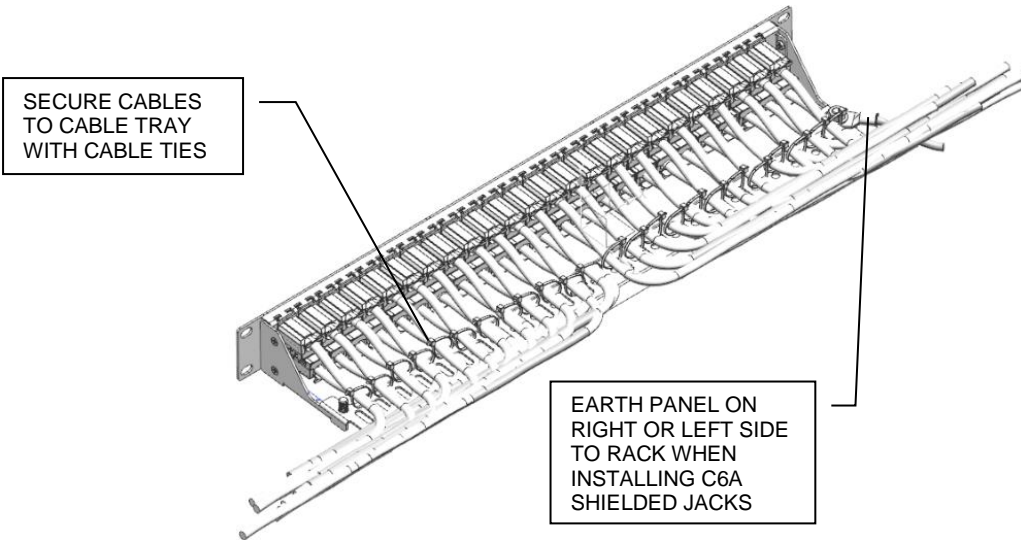
### To assemble terminated jack to patch panel:

1. Install patch panel to rack or cabinet with hardware included
2. Insert terminated jack into panel port at slight angle (fig. 1)
  - Ensure all bottom row jack ports (25-48) are installed prior to top row ports (1-24)
3. Snap jack into panel by pushing jack up for bottom ports and push down for top ports (fig. 1)

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DOCUMENT NUMBER: <b>AS-18700-517</b>	CREATED / REVISED BY: <b>Jim Duran</b>	CHECKED BY: <b>TBD</b>	APPROVED BY: <b>TBD</b>



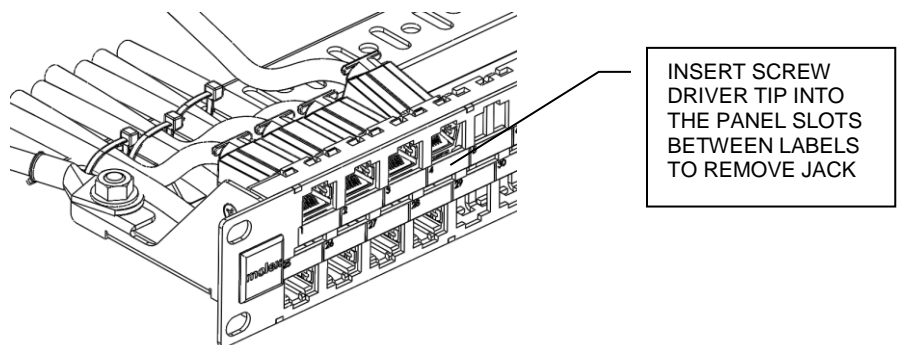
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**Fig. 2: Recommended Cable Dressing**

**To dress cable to patch panel cable tray:**

1. Dress 24 cables to left side of rack and dress remaining 24 cables to right side of rack (fig.2)
2. Ensure cables are dressed neatly to cable tray
3. Ensure a minimum 29mm (1") of bend radius is maintained
4. Secure cables to cable tray with cable ties (fig. 2)
5. Ensure cable ties do not over compress cable
6. Individually Earth each patch panel to rack or cabinet Earth position when installing shielded keystone jacks (fig. 2)



**Fig. 3: Keystone Jack Removal**

**To remove jack from patch panel:**

1. Insert screw driver tip into panel slot below port - leverage the screw driver tip up or down depending upon jack position and tilt/pull jack from the rear to release jack latch (fig. 3)

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