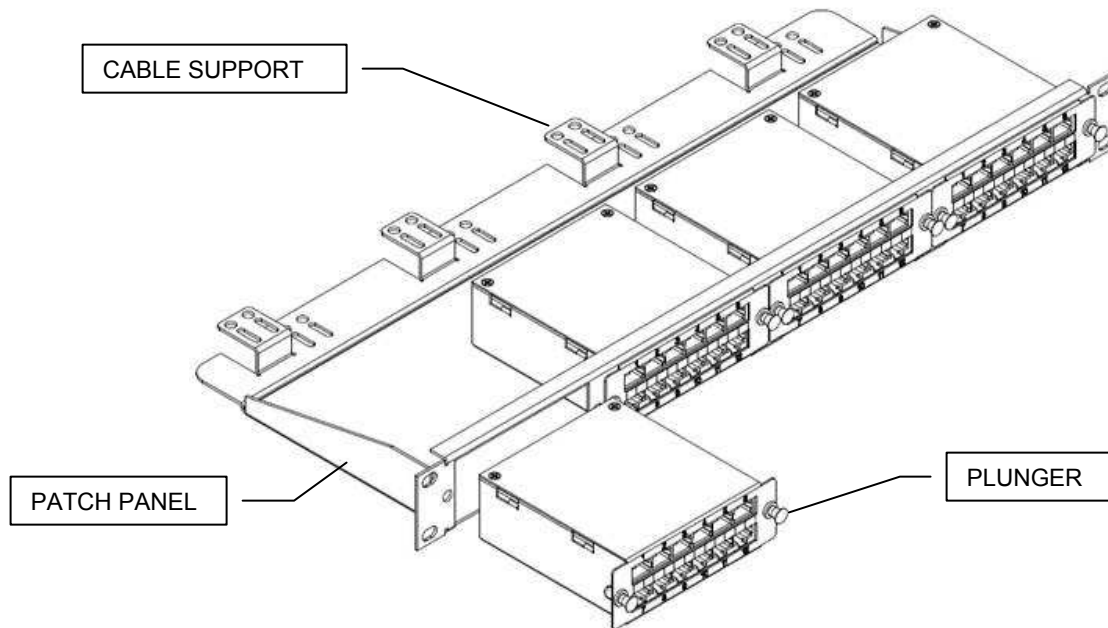# ModLink Plug & Play Copper Solution Installation Instructions

molex®

1. INSTALLATION INSTRUCTION

This instruction sheet provides installation procedure for the ModLink Copper Solution panels and cable assemblies. The Modlink Copper Panels are intended for installation to TIA/EIA–568 standard 483 mm (19") equipment racks or communication cabinets.

CABLE SUPPORT

PLUNGER

PATCH PANEL

2. INSTALLATION OF CASSETTES TO PATCH PANELS

a. To install the cassette into the panel:

- Slide cassette into desired patch panel cassette opening.

- Pull on plungers to ensure fasteners are in open position.

b. To secure cassette to panel:

- Push on plungers once cassette is flush with front surface of panel.

c. To remove cassette from panel:

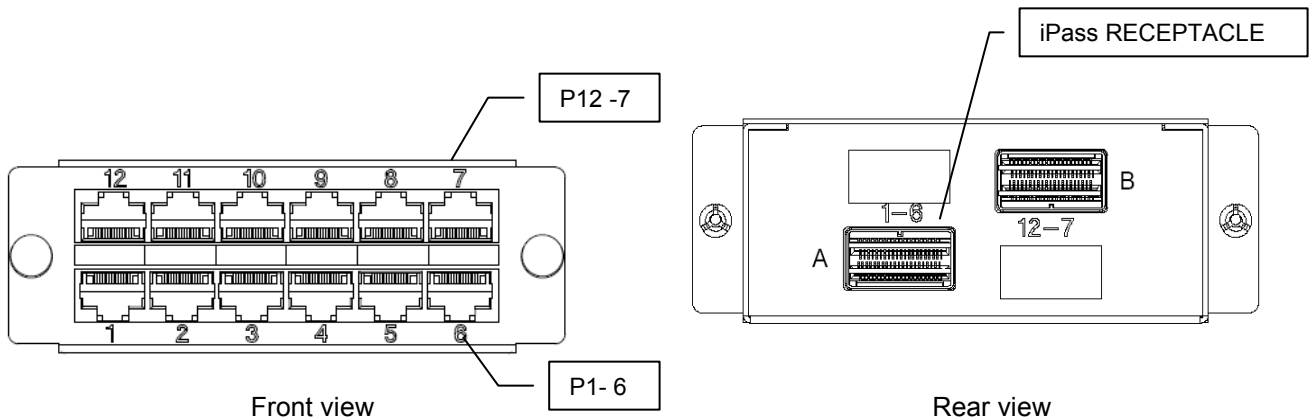- Pull on plungers and slide cassette out from panel.

NOTE:

Modlink Copper Panels part numbers CMP-00001 and CMP-00002 include preloaded cassettes. Steps A and B are not required.

Modlink Copper Cassette part number CMP-00003 contains 2 rows of 6 RJ-45 ports, 12 ports total. Port 1 starts at the lower left side (A) and port 12 starts on the upper left side (B). The front and the back of the cassette are clearly labeled for the port and cable locations.

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Front view

iPass RECEPTACLE

Rear view

3. INSTALLATION OF iPass CABLE ASSEMBLIES TO LOAD ED PATCH PANEL

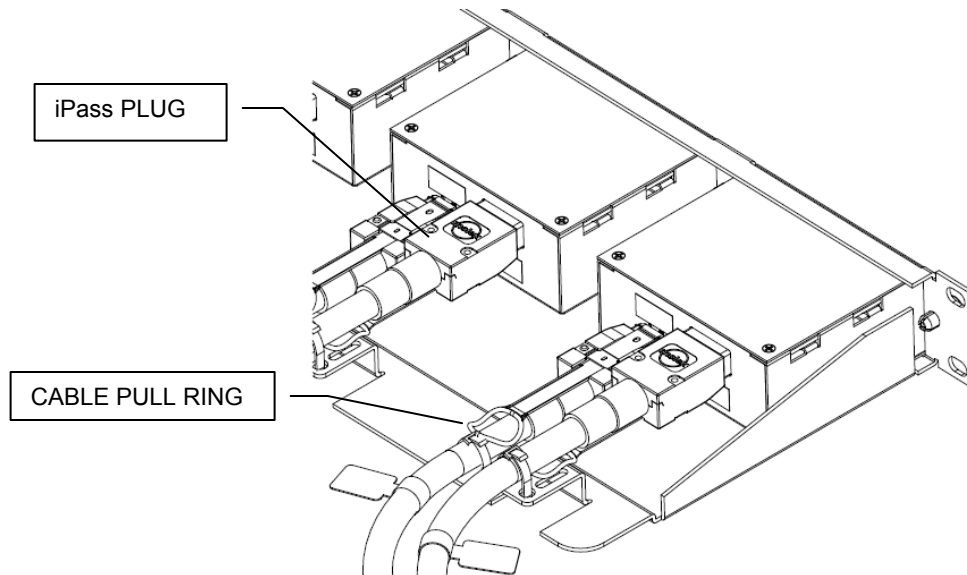**a.** To install the iPass cable assembly to rear of panel:

- Remove protective dust cap (not shown) from iPass cable assembly's plug.
- Carefully insert the iPass cable plug to the iPass receptacle (P1-6 or P12-7) located at rear end of cassette. The cable pull ring is facing up for ports 1-6 and is facing down for ports 12-7.

b. To secure the iPass cable assembly to panel:

- Fasten iPass cable assembly with ties or hook and loop fasteners to panel's integral cable support.
- Do not to over tighten cable ties.

c. To remove iPass cable assembly from panel:

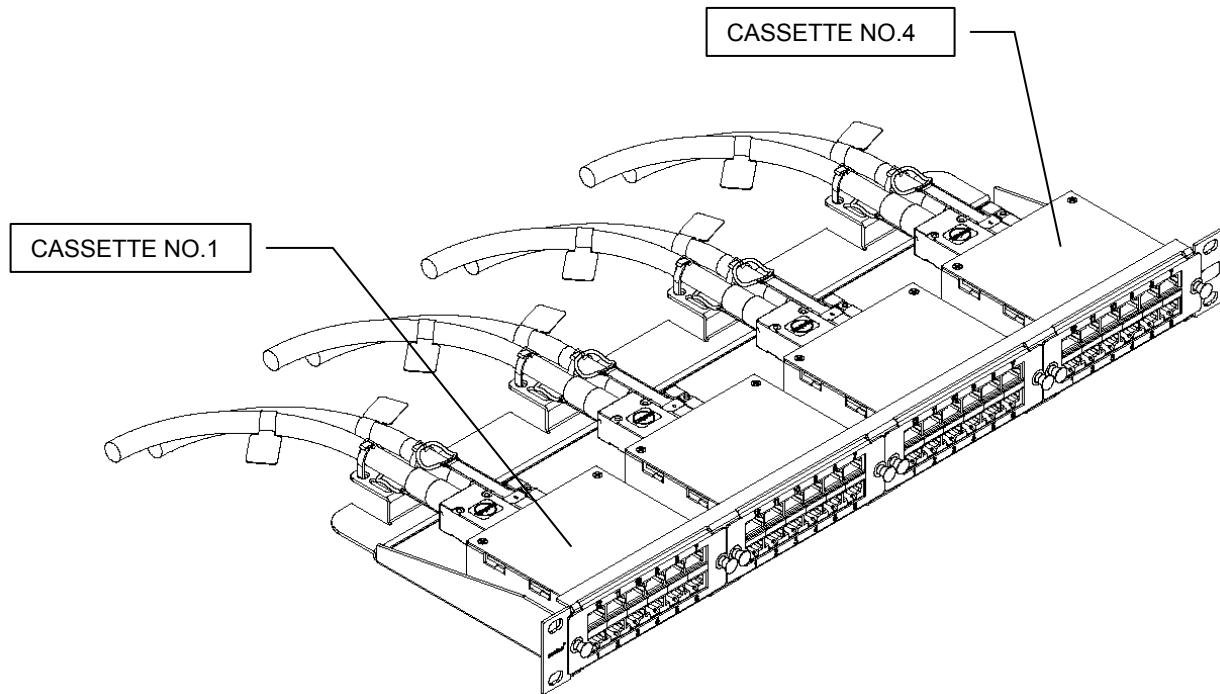- Gently pull the iPass cable pull ring to unlatch cable assembly from cassette.

iPass PLUG

CABLE PULL RING

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AS-18700-042	**John Kwong**	**Jayanth Kumar**	**Jim Duran**

NOTE: The iPass cable assemblies can be dressed in either direction, based upon on–site cable pathway preference. Ensure each cable maintains minimum bend radius of 127mm (5").

CASSETTE NO.4

CASSETTE NO.1

4. RECOMMEND LABELING

Molex recommends that installers refer to TIA/EIA 606-B and ISO/IEC 14763-1 industry standards for labeling of Modlink Copper Solution. Each patch panel holds up to 4 cassettes per panel; each cassette should be label from left to right.

Example: AD02-27-1A-11

- AD02 = Rack ID

- 27 = Rack Unit

- 1 = Cassette No. 1

- A = iPass Cable A Port

- 11 = Port No of the cassette

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