

# Cat 6 Flat 110-Style Patch Panels with Earthing Lead and Cable Management Clip

Cat. Nos. 69586-B24, 69586-B48

**LEVITON**®

PK-A3262-10-00-0A

## SAFETY INFORMATION

- **WARNING: TO AVOID DEATH OR SERIOUS INJURY**, never push objects of any kind into this product through openings, as they may touch dangerous voltages.
- **WARNING: TO AVOID DEATH OR SERIOUS INJURY**, never touch uninsulated wires or terminals unless the wiring has been disconnected at the network interface.
- Read and understand all instructions. Follow all warnings and instructions marked on the product.
- Do not use this product near water - e.g., near a tub, wash basin, kitchen sink or laundry tub, in a wet basement, or near a swimming pool.
- Never install communications wiring or components during a lightning storm.
- Never install communications components in wet locations unless the components are designed specifically for use in wet locations.
- Use caution when installing or modifying communications wiring or components.
- **SAVE THESE INSTRUCTIONS.**

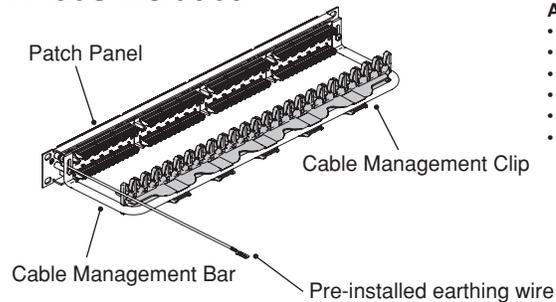
## INSTALLATION INSTRUCTIONS

ENGLISH

### Description

The Leviton Cat 6 Patch Panels feature Category 6 component-rated performance and offer dual-flexibility with color-coded labels for T568A and T568B wiring configurations. The Category 6 Patch Panels feature front clear port identification windows; color-coded labels provided. All panels feature a short earthing lead. Installation of a Cable Management Bar (CMB) on the rack-mounted panel that includes CMB standoffs is recommended. The Cable Management Bar includes a Cable Management Clip. Instructions for use of the Cable Management Clip may be found in the Instruction Sheet that accompanies this product.

### What's Included



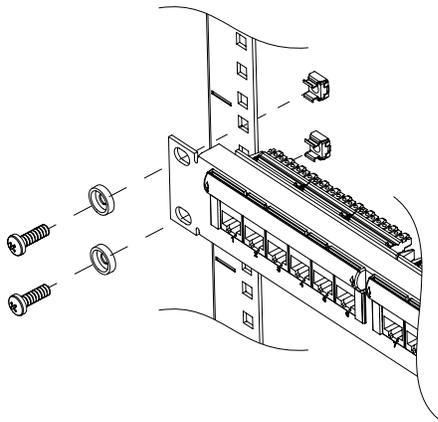
#### Also Includes:

- 4 x M5 cage nuts
- 4 x M5 rack mount screws
- 4 x M5 cup washers
- 2 x M4 mounting screws for CMB
- 1 x female spade crimp connector
- 1 x ring terminal crimp connector

### Installation

#### 1. Mount the panel.

Mount the panel to a standard 48.26 cm (19") equipment rack or wall-mount bracket using the provided screws.



#### 2. Prep and route wires.

- Determine which color-coded convention is desired (T568A or T568B)

**NOTE:** Color codes and pin numbers are located on the panel labels between termination (IDC) slots.

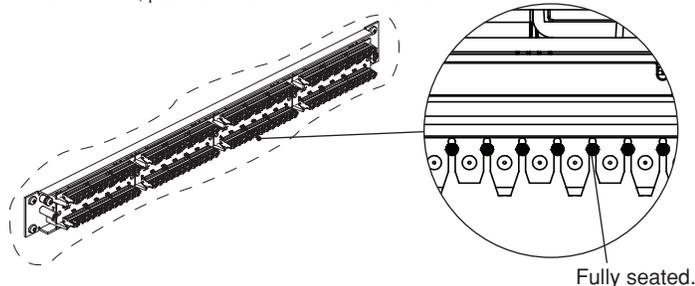
- Remove approximately 7.62 cm (3") of jacket and center spline from cable.
- Route jacketed wire to the termination field, so that the jacket is near and above the IDCs. Leave sufficient flex room between cable jacket and termination field.

**CAUTION:** Use of the 110 5-Pair impact tool to terminate the conductors is not recommended.

#### 3. Seat wires.

Maintain wire pair twisting to within 1.27 cm (0.5") of the IDC contact. Set 110 punchdown tool to low impact, perpendicular to the IDC slot, seat and trim the cable.

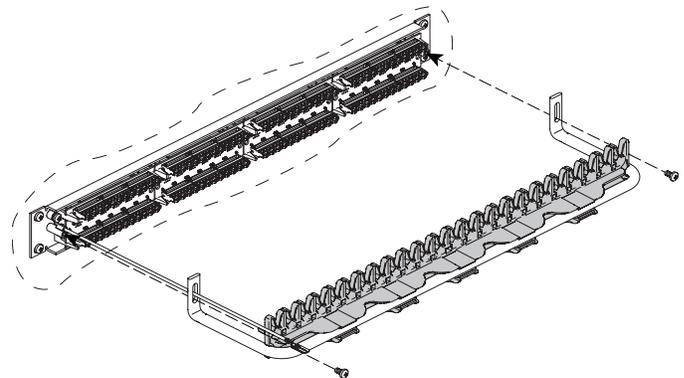
**NOTE:** If wires appear to be "bridged" over the IDC rather than securely seated into the slot, pull out the wires and reseat them.



Fully seated.

#### 4. Attach Cable Management Bar/Clip Assembly.

Slide the earthing lead through the CMB hole as shown. Attach the provided cable management bar/clip assembly to the patch panel using the two screws provided.

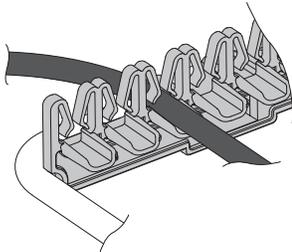


## 5. Push terminated cables down into the clip

Route cables on left-hand side of the panel to the left and those on the right-hand side to the right.

**OPTIONAL:** Secure cables to the clip using compression wraps or zip ties.

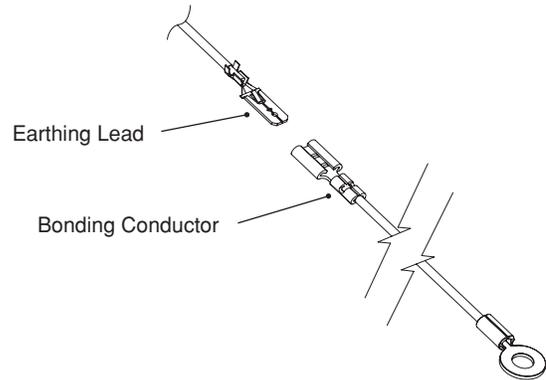
**NOTE:** Securing too tightly may cause performance issues. Cable should freely move under the tie.



## 6. Bond and earth the Patch Panel

Use the supplied crimp terminals and 4mm<sup>2</sup> (12 AWG) grounding wire to build a bonding conductor. Attach bonding conductor to earthing lead.

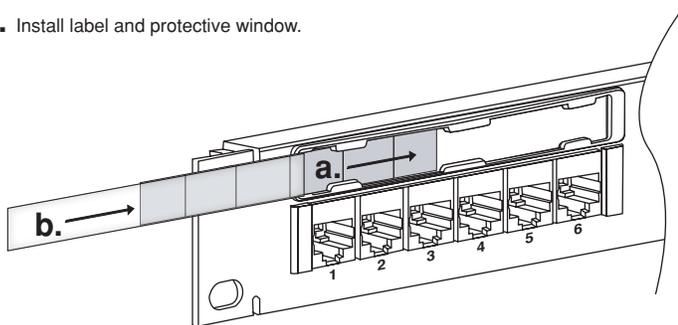
**CAUTION:** Bonding conductor only grounds the metal panel. The modular ports of the patch panel are non-conductive and provide electrical isolation from the communications circuits.



## Labeling

**NOTE:** Additional labeling kit sold separately.

1. Label port designations.
2. Install label and protective window.



### FOR CANADA ONLY

For warranty information and/or product returns, residents of Canada should contact Leviton in writing at **Leviton Manufacturing of Canada Ltd to the attention of the Quality Assurance Department, 165 Hymus Blvd, Pointe-Claire (Quebec), Canada H9R 1E9** or by telephone at **1 800 405-5320**.

### LIMITED 1 YEAR WARRANTY AND EXCLUSIONS

Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Leviton is free of defects in materials and workmanship under normal and proper use for one year from the purchase date. Leviton's only obligation is to correct such defects by repair or replacement, at its option. **For details visit [www.leviton.com](http://www.leviton.com) or call 1-800-824-3005.** This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. **There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose,** but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to one year. **Leviton is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay or failure to perform this warranty obligation.** The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.