



Grounding PVIQ Panels

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| Applies to: | SmartZone PVIQ Patch Panels |
| Objective: | The purpose of this Technical Reference is to demonstrate how PVIQ [™] Patch Panels can be grounded when using shielded MINI-COM [™] Jacks (e.g. CJS6X88TGY, CJS688TGY, CJS5E88TGY). |
| Pre-Requisites: | <ul style="list-style-type: none">• PANDUIT Equipment Jumper Kit (part # RGEJ1057PFY)• (24) PANDUIT Shielded Jack Module Jumpers (part # CJSGK includes 10 jumpers in each Kit) |

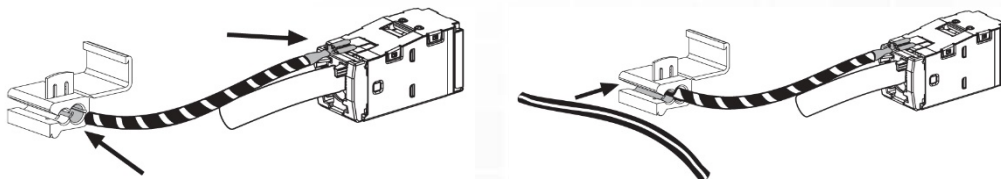
Description

This Technical Reference describes how to ground PVIQ Patch Panels.

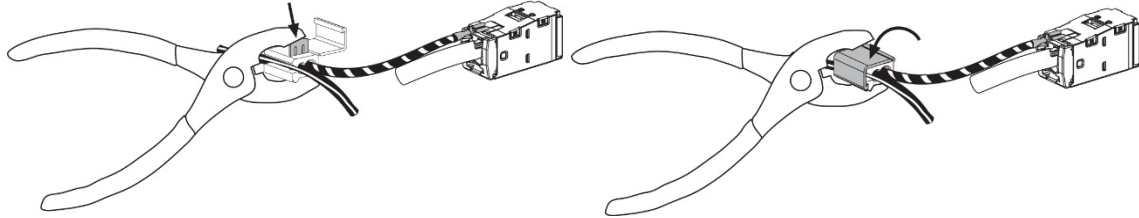
Performing the Procedure

Attaching ground kits to the jack modules

1. Attach the jumper to the jacks on the back of the PANVIEW[™] Patch Panel(s), insert the jumper grounding wire through the grounding clip, and then attach the clip assembly onto the jumper kit wire.



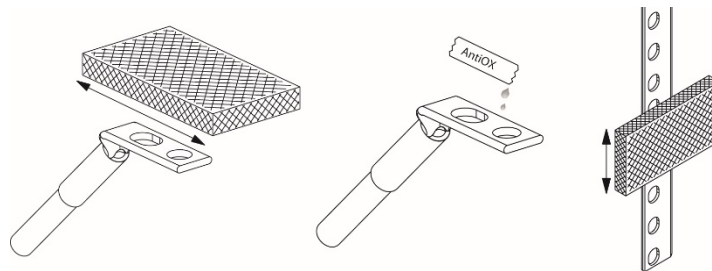
2. With pliers (recommend PANDUIT part # CT-100), clamp down on copper contact, and then clamp down on the cover to secure the assembly in place.



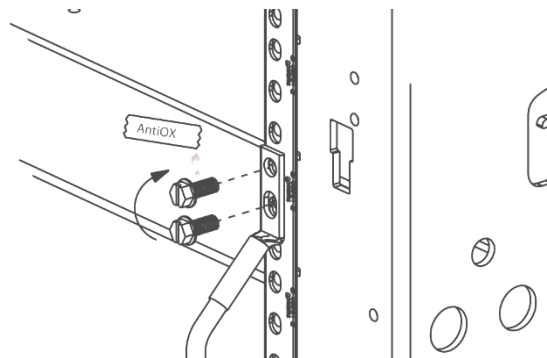
3. Repeat steps 1-2 until all termination jacks on panel(s) have a grounding wire attached.

Attaching Jumper Kit to the Rack

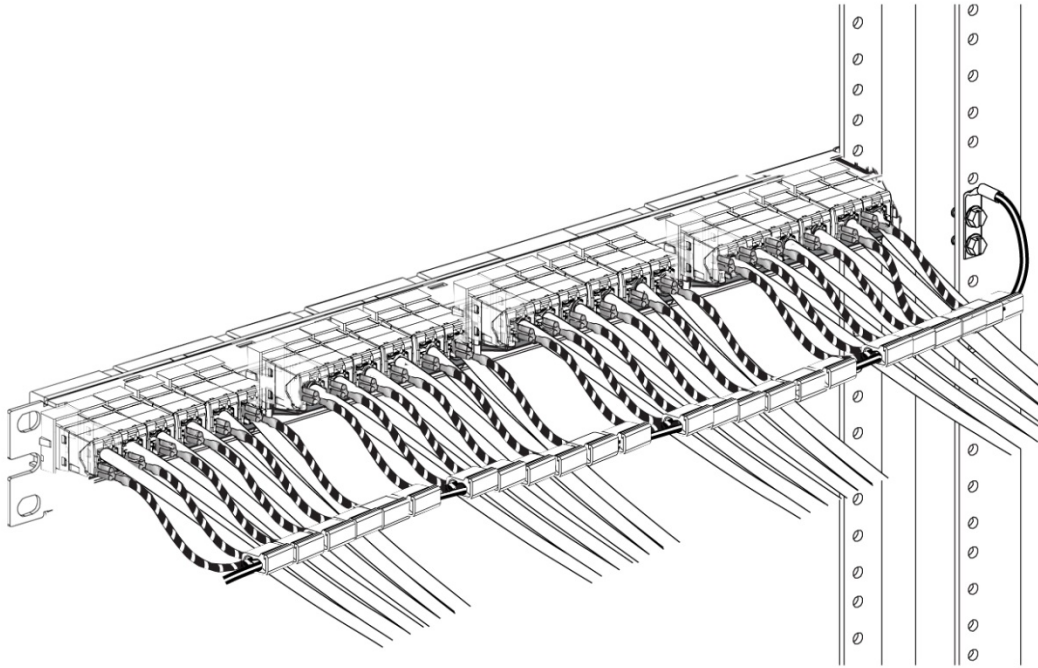
1. Use a cleansing pad to scrub both the ESD port and the rack rail. (Use of an AntiOx to cleanse the contact is additionally recommended).



2. Next, attach the bent lug to the rail of the rack with thread-forming screws. (Once again, use of an AntiOx to cleanse the screws is recommended).



3. Once completed, the back of your PVIQ™ Patch Panel(s) should resemble the following diagram.



NOTE: With all Wiring Accessories, the following statements apply:

- Never install communications wiring during a lightning storm.
- Never install communications wiring in wet locations unless the module is specifically designed for use in wet locations.
- Never touch uninsulated communications wiring or terminals unless the communication line has been disconnected at the network interface.
- Use caution when installing or modifying communication wiring.

End State

Your PVIQ Patch Panels have been grounded.