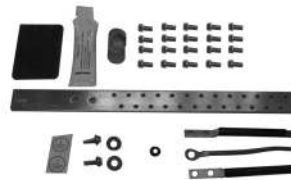
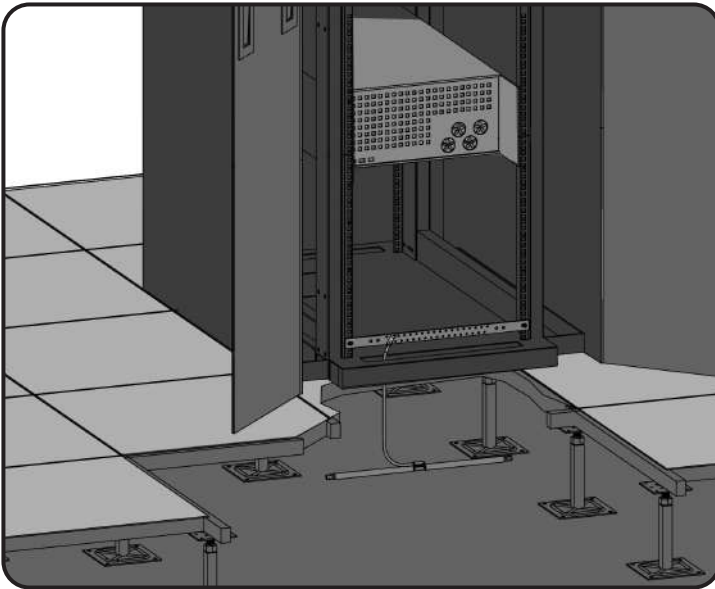


# VPOD VP-GRD Instructions



## Parts Description

- (1) Copper Ground Bar
- (2) 96" #6 AWG THW Green Insulated Conductor
- (2) 12-24x5/8" Thread Forming Screws
- (20) 12-24 x 1/2" Plated Machine Screws
- (1) Compression Tap (usage optional)
- (1) Abrasive Pad
- (2) Adhesive Ground Label
- (1) Antioxidant Compound
- (20) 1/2" Lock Washers
- (1) M5 Flange Nut



## Required Tools

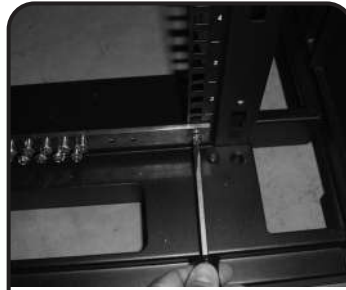
Flat Head Screw Driver  
5/16" Nut Driver  
Compression tool w/correct dies  
(if optional compression tap utilized)



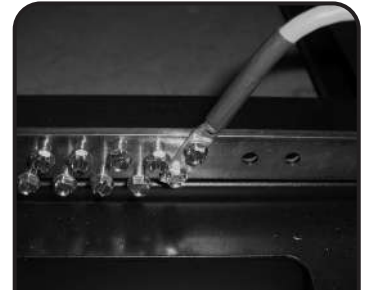
- 1** Locate the Ground Bar on the cabinet (the ground bar can be mounted on either the top or the bottom).



- 2** Remove all paint, etc. from mounting surface of cabinet. Remove any oxidation, etc. from back side of the ground bar at the point of attachment to the cabinet using the abrasive cleaning pad. Apply a coating of antioxidant material to the mounting surfaces.



- 3** Using the (2) 12-24 x 5/8" thread forming screws, attach the ground bar to the cabinet.



- 4** Remove any oxidation, etc. from the mounting surfaces with abrasive pad and apply a coating of antioxidant material. Using (2) of the 12-24 x 1/2" machine screws attach one end of the 96" ground wire to the ground bar.



- 5** Remove any oxidation, etc. from the mounting surfaces and apply a coating of antioxidant material. Attach the opposite end of the 96" ground wire used above to the main ground bar or to an extension of the main ground bar.

Note: This end of the wire can be installed using a variety of connection means (e.g. compression tap), best suited for the grounding system deployed in the space.



- 6** To bond the cabinet to the Ground Bar, install one preterminated end of the 18" #10 wire to the ground bar using one of the 12-24 screws provided.



- 7** Attach other end of the #10 wire to the bonding post located at the middle of the lower horizontal support using the M6 flange nut provided.

# VPOD VP-GRD Instructions



**8**

When the ground bar is installed at the top of the cabinet, terminate the #10 wire to the ground post located in the corner of the cabinet lid using the M5 flange nut provided.



**To assist safe installations, comply with the following:**

- A. Use caution when installing or modifying telecommunications circuits.
- B. Never touch uninsulated wire terminals unless the circuit has been disconnected.
- C. Never install this device in a wet location.
- D. Never install wiring during a lightning storm.
- E. Attach each individual piece of equipment mounted on the rack to the ground bar with appropriate conductors and fittings.

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