INSTALLATION INSTRUCTIONS

Splice Panel



RECOMMENDED TOOLS

Screwdriver
Cable Prep Tools (According to the Cable Manufacturer)
Tape Measure
PPE
Scissors/shears
Ratchet and Socket



PACKAGE CONTENTS

Braided Sleeves
Cable Ties
M6 Cage Nuts
Washers
Screws
Cable Guides









UNPACKING THE PANEL

1. Remove and set aside accessory box **(Figures 1 and 2)**.
2. Remove the foam inserts around the panel **(Figures 3 and 4)**.
3. Remove the foam inserts from inside the front and rear doors of the panel **(Figures 5 and 6)**.



Figure 1



Figure 2



Figure 3

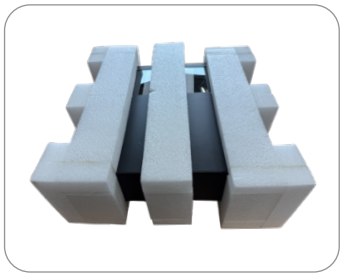


Figure 4

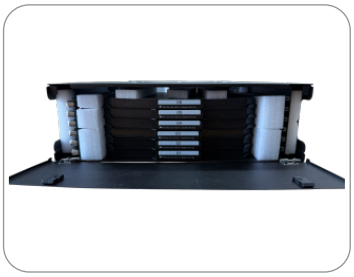


Figure 5

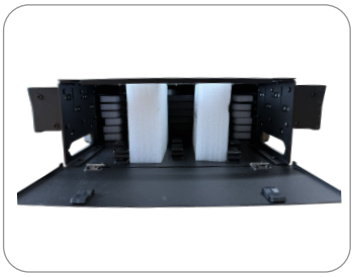


Figure 6

MOUNTING THE PANEL ON THE RACK

1. Place 2 screws in the rack at the bottom of the desired mounting location. Leave approximately 1/4"–1/2" of the screw shaft exposed **(Figure 7)**.
2. Carefully lift the panel into the rack and rest on the screws **(Figure 8)**.
3. Install the remaining 2 mounting screws at the top of the mounting bracket **(Figure 9)**.
4. Tighten all screws.

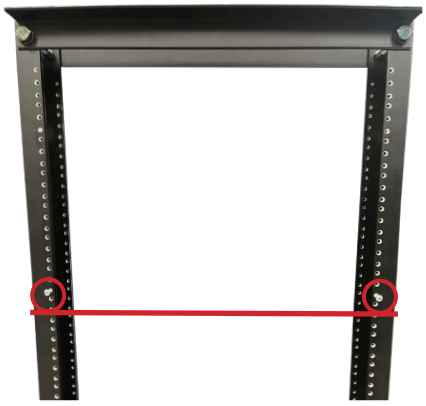


Figure 7



Figure 8



Figure 9

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PREPPING THE CABLE

1. Measure and mark the cable for 108”–120” of length.
2. Follow the cable mfg guidelines to prep the cable.
3. If needed, separate the fiber bundles into sequential groups of 288f.
4. Feed the exposed fiber into the provided mesh.

CABLE BREAKOUT AND TIEDOWN

1. Cable tiedown/breakout modules are located at the rear of the panel **(Figure 10)**.
2. Use a Phillips head screwdriver to remove the cover **(Figure 11)**.
3. Once the cover is removed, configure the breakout module according to the chart **(Chart A)**.
4. Slot the corrugated end of the braided sleeves into the conduit holder and reinstall the cover **(Figure 12)**.
5. Pull the sleeves one by one through the opening into the back of the panel throughout the installation process.

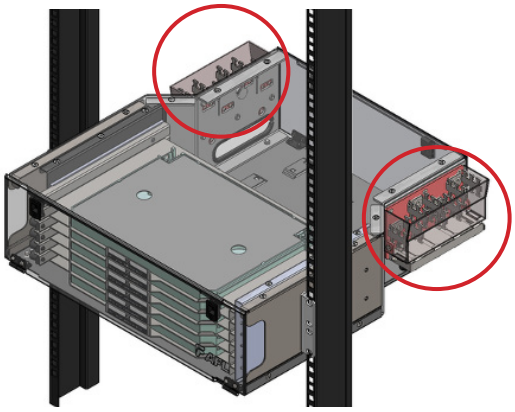


Figure 10

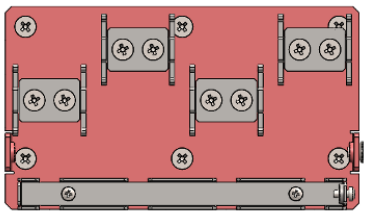


Figure 11

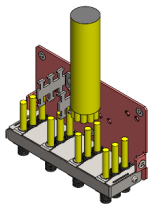


Figure 12

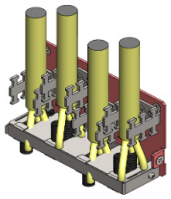
Chart A



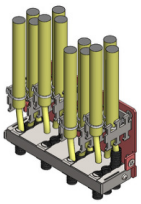
Fiber Mount Plate



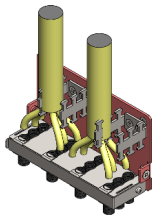
1Pc – 3456F Cable



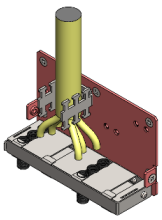
4Pcs – 856F Cable



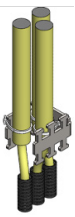
12 Pcs – 288F Cable



2Pcs – 1728F Cable



1Pcs – 1728F Cable



3Pcs – 288F Cable (2RU Panel)

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CABLE ROUTING AND INSTALLATION

1. Install the first layer of cable guides on the baseplate **(Figure 13)**.

✻ ***NOTE: Ensure that the clip opening is facing the rear door.***

2. Pull the trays out from the front of the housing and remove.
3. Pull the braided sleeve through the opening into the back of the panel.
4. Route the braided sleeve in a winding shape through the cable guides as seen here, leaving enough slack to push the end through the front of the housing to the removed tray **(Figures 14 and 15)**.
5. Remove the splice tray cover and slot the notched end of the braided sleeve into the holder **(Figure 16)**.

✻ ***NOTE: Ensure enough slack is left outside of the last clip to fully extend the tray without putting tension on the fiber* (Figure 17).**

6. Route the desired length of fiber into the splice tray and trim off excess fiber **(Figures 18 and 19)**.

✻ ***NOTE: The splice tray is designed to hold approximately 3 feet of slack.***

7. Splice the fiber using a ribbon splicer.
8. Place the splice sleeves into the splice cradle, stacking 2 sleeves in each cradle position **(Figure 20)**.
9. Ensure all slack is properly routed and re-install cover.
10. Repeat this process for each splice tray.

✻ ***NOTE: Cable guides stack on top of each other.***

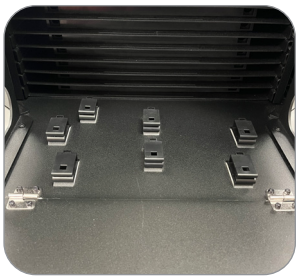


Figure 13



Figure 14

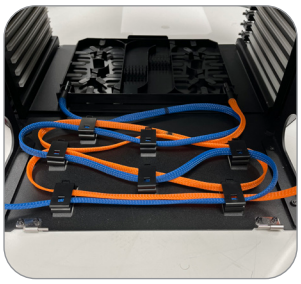


Figure 15

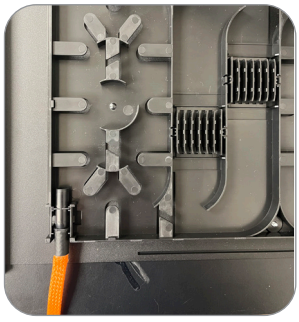


Figure 16



Figure 17



Figure 18

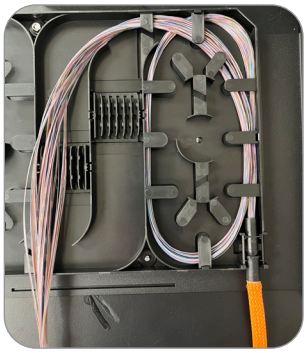


Figure 19

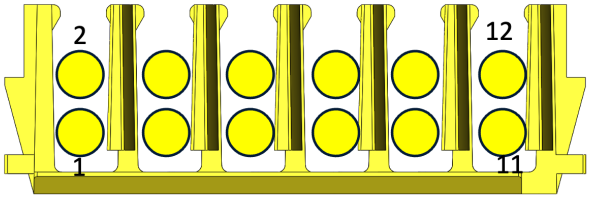


Figure 20

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