



SYSTIMAX 360™ FTP Evolve Panel Instructions

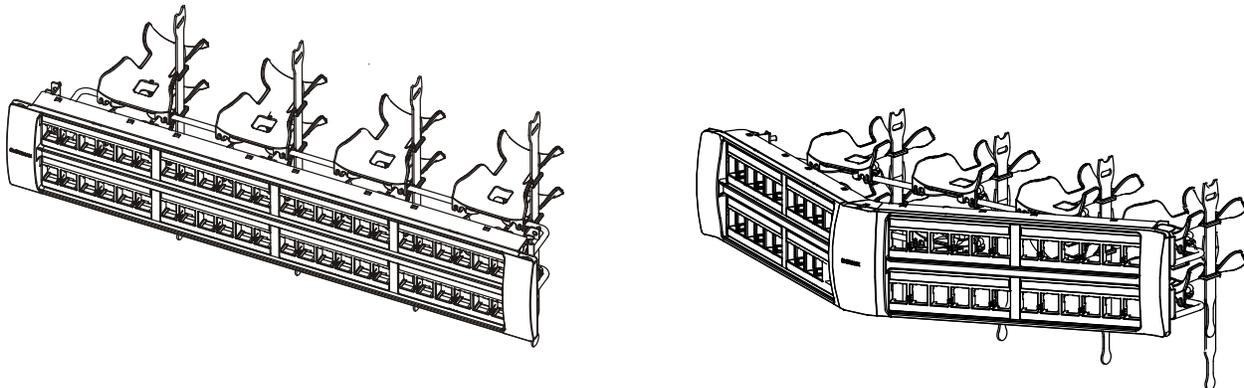
General

The **SYSTIMAX 360™** Evolve modular foiled twisted pair (FTP) patch panel is a highly flexible 24- or 48-port, front or rear accessible patch panel assembly. The panel is available in a straight or angled version. When properly grounded and installed with HGS620 outlets, modular patch cords, and cables, it is an integral part of an FTP connectivity system. The panel mounts in a standard 19-inch (483 mm) equipment rack with universal hole spacing and incorporates lugs for panel grounding.

Ordering information is listed below:

| Material ID | Part No. | Description |
|-------------|-----------------------------|---------------------------------|
| 760150144 | 360-IPR-MFTP-E-HD6B-1U-24 | FTP Evolve 24-port flat panel |
| 760151498 | 360-IPR-MFTP-E-HD6B-2U-48 | FTP Evolve 48-port flat panel |
| 760151290 | 360-IPR-MFTP-A-E-HD6B-1U-24 | FTP Evolve 24-port angled panel |
| 760151746 | 360-IPR-MFTP-A-E-HD6B-2U-48 | FTP Evolve 48-port angled panel |

The FTP Evolve panel is available **iPatch®** ready. For instructions on using the panel in an **iPatch** application, see 860513491 **iPatch® Ready Upgrade Module for SYSTIMAX 360 Panels**.



SYSTIMAX 360™ FTP Evolve 48-Port Flat Panel and 48-Port Angled Panel

How to Contact Us

- To find out more about **CommScope®** products, visit us on the web at www.commscope.com/
- For technical assistance:
 - Within the United States, contact your local account representative or technical support at 1-800-344-0223. Outside the United States, contact your local account representative or **PartnerPRO™** Network Partner.
 - Within the United States, report any missing/damaged parts or any other issues to **CommScope** Customer Claims at 1-866-539-2795 or email to claims@commscope.com. Outside the United States, contact your local account representative or **PartnerPRO** Network Partner.

Tools Required

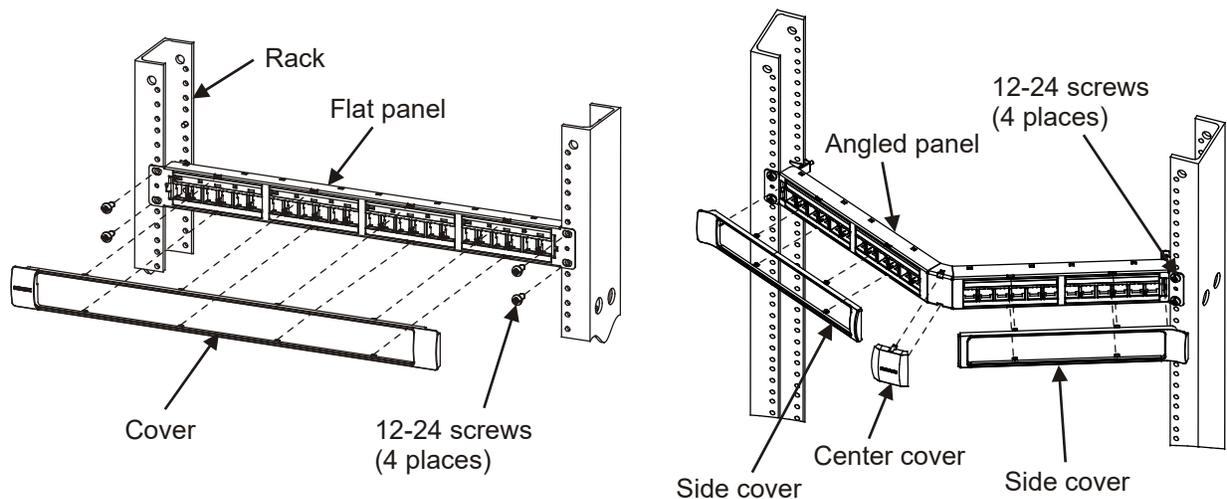
- Phillips head screwdriver
- Cable jacket scoring tool
- D-914 punch tool with M110 blade

Parts List

Verify parts against parts list below:

| | | Quantity | | | | Description |
|--------------------|--------------------|----------------------|----------------------|---|---|-------------|
| 24-Port Flat Panel | 48-Port Flat Panel | 24-Port Angled Panel | 48-Port Angled Panel | | | |
| 1 | — | — | — | — | 24-port flat panel | |
| — | 1 | — | — | — | 48-port flat panel | |
| — | — | 1 | — | — | 24-port angled panel | |
| — | — | — | 1 | — | 48-port angled panel | |
| 1 | 1 | — | — | — | Front cover (1U or 2U) | |
| — | — | 1 | 1 | — | Center cover (1U or 2U) angled panel | |
| — | — | 2 | 2 | — | Side covers for angled panel (1U or 2U) right or left | |
| 4 | 4 | 4 | 4 | — | P12-24 x 1/2" mounting screws | |
| 1 | 2 | 1 | 2 | — | Adhesive label (5 per strip) | |
| 1 | 2 | 1 | 2 | — | Cable management bar | |
| 4 | 8 | 4 | 8 | — | Cable management troughs | |
| 4 | 8 | 4 | 8 | — | Hook-and-loop straps | |
| 2 | 4 | 2 | 4 | — | Lock Nut | |
| 1 | 1 | 1 | 1 | — | Instruction sheet | |

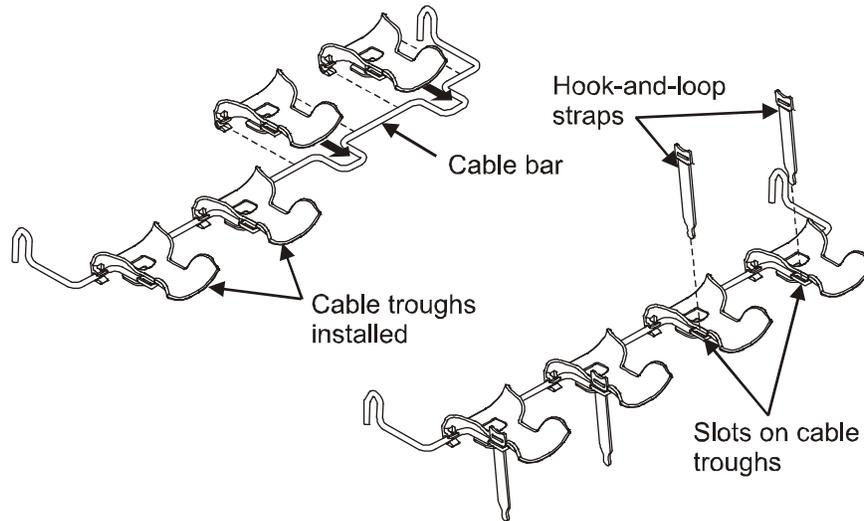
Step 1 – Mount Panel to Rack



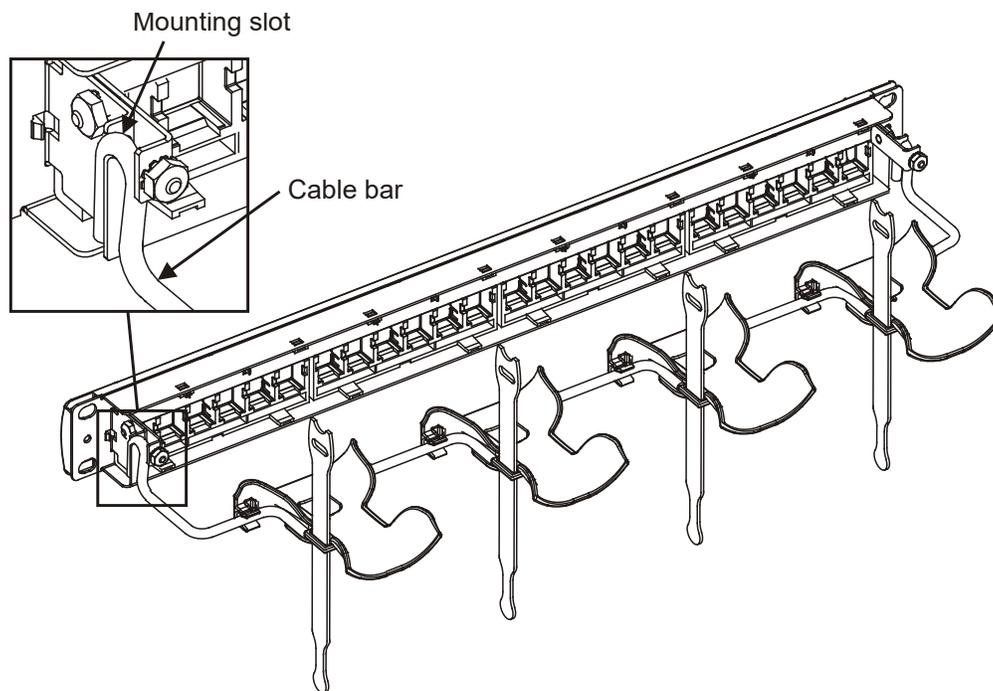
1. Mount panel to rack using the four 12-24 mounting screws provided. After securing panel to rack, snap the Evolve cover(s) onto the front of the panel.

Note: Verify the **SYSTIMAX** name is upright on flat panel cover and on angled panel center cover before snapping in place. These two covers can be installed upside down. Side covers on angled panel are interchangeable and are not side specific.

Step 2 – Assemble and Install Rear Cable Manager

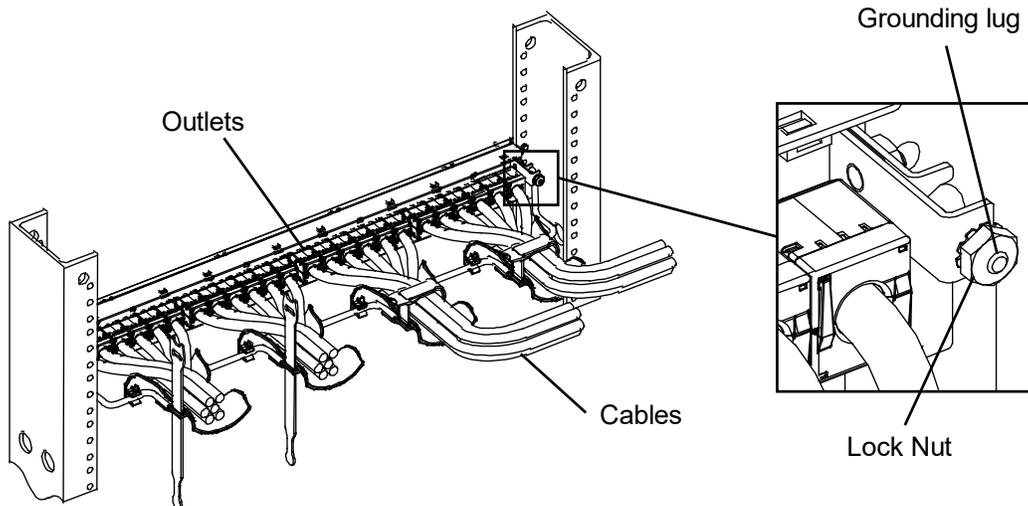


1. Attach the four cable troughs onto bar as shown and insert four hook-and-loop straps into slots in cable troughs.



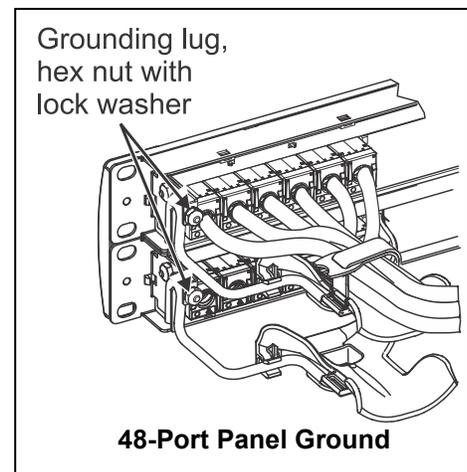
2. Attach cable bar to rear of panel as shown. For 48-port panels, two cable bars are provided.

Step 3 – Populate Panel with Outlets and Connect Ground



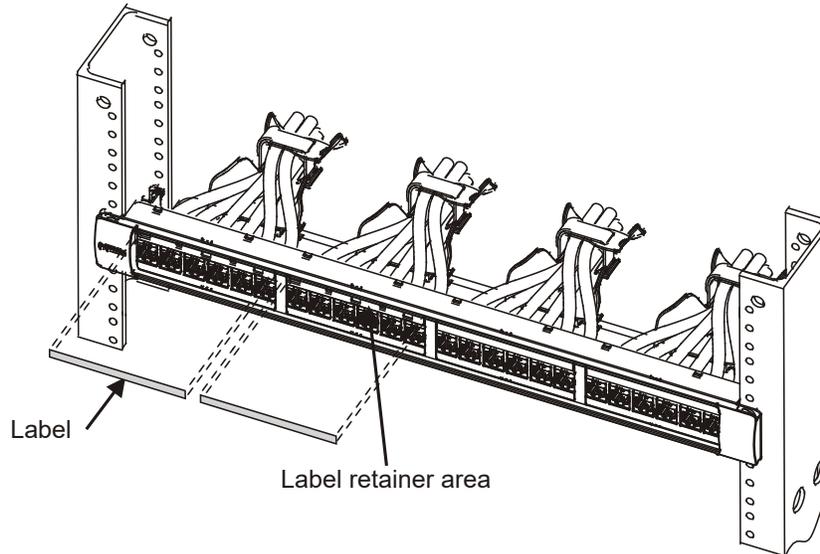
24-Port Panel Ground

1. Connect cables to outlets per instructions provided with the individual outlets.
2. Populate panel with outlets and route cabling as shown.
Note: Secure cables using the hook-and-loop straps provided.
3. For 24-port panels, use one of two grounding lug connections provided on rear of panel and lock nut to ground the panel per approved local practices. Tighten hex nut from 26 to 31 in-lb (2.9 to 3.5 N-m).
4. For 48-port panels, use two of the four grounding lug connections provided on rear of panel and lock nut, as shown, to ground the panel per approved local practices. Tighten hex nut from 26 to 31 in-lb (2.9 to 3.5 N-m).



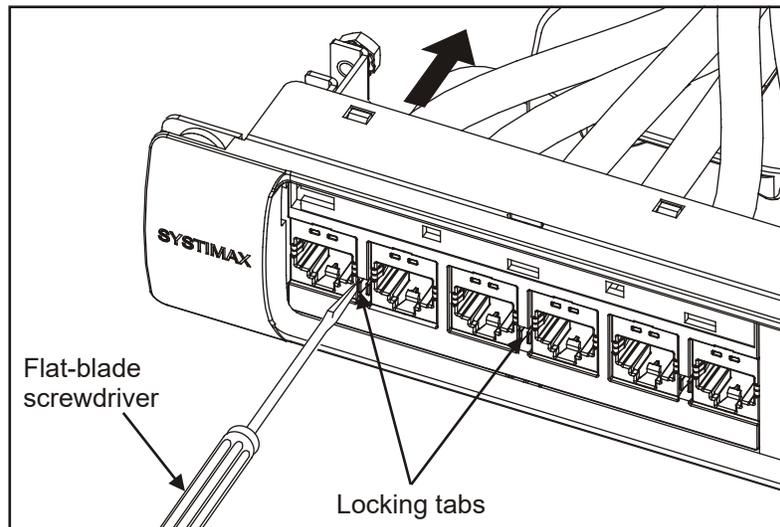
48-Port Panel Ground

Step 4 – Install Bezel Labels



1. Peel backing paper from a label and place in the label retainer area as shown. Carefully apply one end of the label on the retainer and work it onto the retainer surface. Labels can be written on prior to being removed from the backing or after they have been applied to the bezels.

Step 5 – To Remove an Outlet from Panel

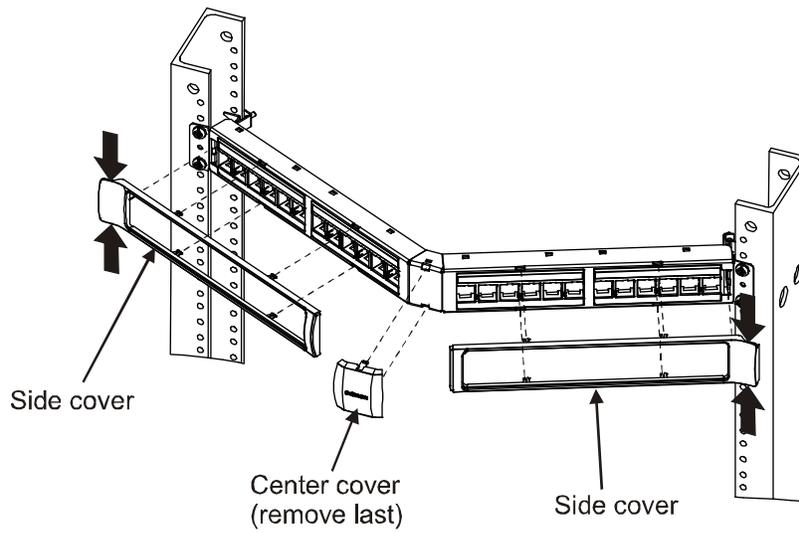


1. Insert a small, flat-blade screwdriver or other small, blunt-end tool in between locking tab and side of outlet as shown to release it. Disengaging one tab will release outlet.

Note: Insertion of tool should release the tab, but if not, pivot tool slightly until tab releases. Locking tabs for two outlets are adjacent to each other. Inserting a tool in space between tabs will not release either tab.

2. Remove outlet from rear of panel.

Step 6 – Removing Covers from Panel



1. When removing either the flat or angled panel side cover(s), grip cover on the top and bottom at the outside edge where shown by arrows and pull forward. As cover tabs release, position fingers close to tabs to apply further pulling force.
2. For angled panel only, remove both side covers from panel before removing center cover.