CORNING
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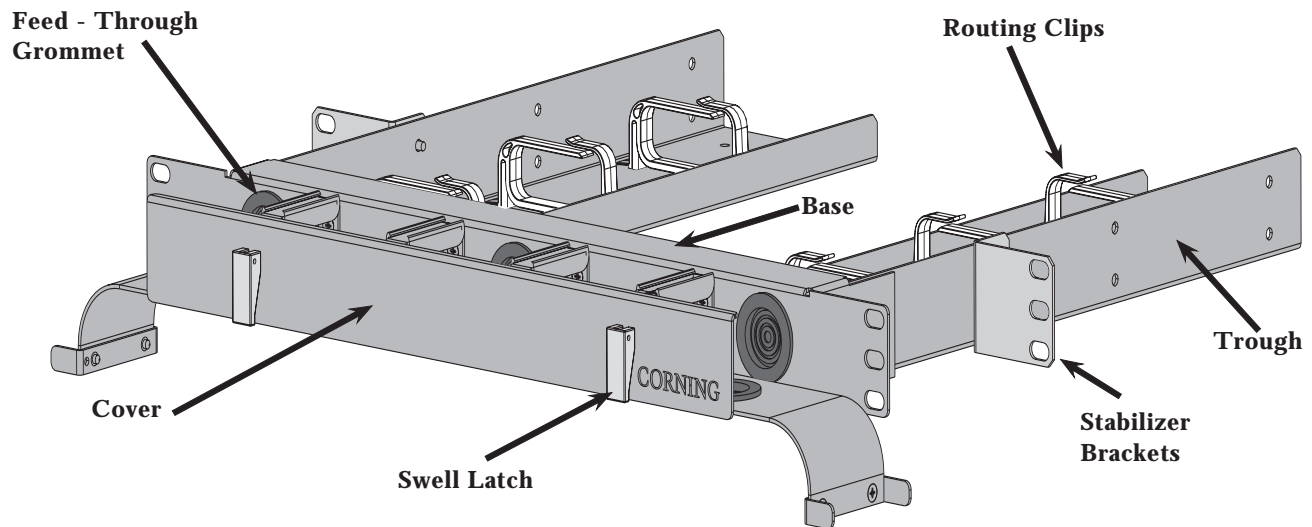
Electronics Jumper Management Panel

Feed - Through Grommet

Routing Clips

Base

Cover

Trough

Swell Latch

Stabilizer Brackets

Figure 1

1. General

1.1 This document describes the installation of the Eclipse® electronics jumper management panel p/n (ECL-J1U-EL) manufactured by Corning Cable Systems.

1.2 This document is being reissued to illustrate a redesigned panel.

2. Description

The electronics jumper management panel is an accessory that facilitates jumper routing in an equipment rack or cabinet with patch panels and electronics. The jumper management panel is attached to the utility rack directly above or below the equipment (Figure 1).

3. Accessories

3.1 To provide vertical jumper management and storage along the side of the equipment rack, use the Inter-Bay Storage Unit (ECL-IBU-7-1 or ECL-IBU-7-2).

3.2 Use the Slack Storage Panel (ECL-J3U) for low capacity slack storage on the frame.

4. Components

Electronics Jumper Management Panel components are illustrated in Figure 1. Also included are:

- 10-32 rack mounting screws (16)
- 12-24 rack mounting screws (8)
- 6-32 countersink screws (4)
- 6-32 button-head screws (4)
- 23-inch rack mount adapter brackets (4)

5. Installing the Panel

5.1 Attach the two trough pieces to the jumper management panel using the 6-32 countersink screws in the location shown in Figure 2.

Countersink Screws

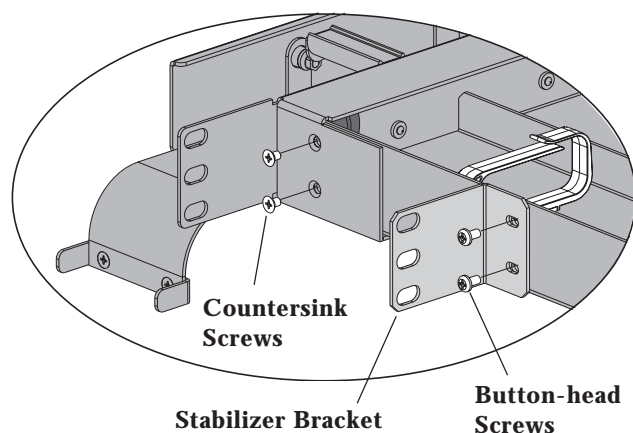Stabilizer Bracket

Button-head Screws

Figure 2

5.2 Mount the electronics jumper management panel directly above or below the electronics on an equipment rack. If using an Eclipse® equipment rack, use the 12-24 screws provided to attach the unit. If installing the management panel into a 23-inch equipment rack, attach the 23-inch adapter brackets to the unit. Be sure to align two holes on the equipment rack for each side of the jumper management panel, using four screws to completely mount the unit.

5.3 To increase the stability of the troughs protruding out the back, stabilizer brackets are provided to secure the troughs to the back of the frame. Attach the brackets to the troughs with the 6-32 button-head screws (Figure 2). Then, attach the bracket to the frame in the same manner as the management panel is mounted to the front of the equipment rack (Figure 3).
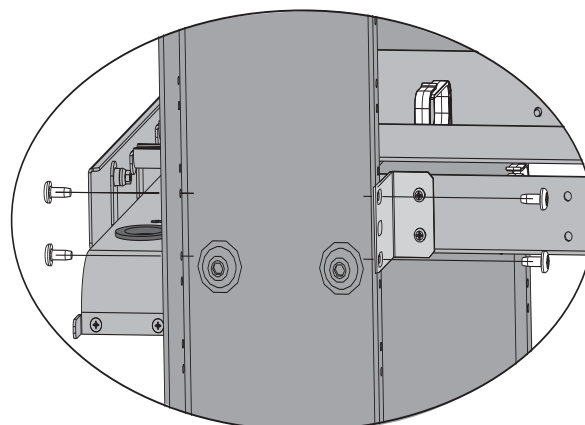

Figure 3

6. Using the Electronics Jumper Management Panel

6.1 To use the management panel with electronic equipment:

- Remove the management panel cover.

- Route fibers from electronics above and/or below through the management panel to either side of the equipment rack.

- Route fibers from the back of electronics to the front of the equipment rack using the routing guides in the troughs to guide fiber through the pass-through ports and to the front of the frame.

- After routing jumpers, replace the cover.

6.2 To use the management panel as a jumper trough:

- Mount the management panel in the same vertical rack space in adjacent equipment racks.

- Remove the management panel covers and lay in the jumpers.

- Replace the cover.