Installation

Use the splice tray with single-mode or multimode fiber cable. Follow the instructions below.

SINGLE-MODE SPLICING

1. Remove the top metal splice tray cover and install the bottom metal splice cover in the wallmount or rackmount fiber cabinet.

2. Remove the single-mode plastic covers on each of the four single-mode plastic bases already installed in the bottom metal splice cover.

3. Remove the yellow sticker from one of the single-mode plastic bases.

4. Install a metal sleeve and slide the single-mode fiber through it that you plan to splice. (For single-mode fiber, you'll use fusion splicing.)

5. Prepare and splice the fiber.

6. After splicing is complete, snap the spliced fiber in one of the 6 compartment areas in the plastic base.

7. Repeat until all 6 compartments are filled.

8. Re-install the single-mode plastic cover.

9. Repeat steps 2 through 8 for the remaining three single-mode plastic bases as required by your application.

10. When all single-mode plastic bases are loaded with fiber, use the cable ties to secure the cable. Then re-install the top metal splice tray cover and tighten the wing nuts (included with the cabinet).

MULTIMODE SPLICING

1. Remove the top metal splice tray cover and install the bottom metal splice cover in the wallmount or rackmount fiber cabinet.

2. Remove the single-mode plastic covers on each of the four single-mode plastic bases already installed.

3. Remove the larger single-mode plastic bases and install the smaller multimode plastic bases in the bottom metal splice cover. (The multimode plastic base supports the Corning Cable Systems Non-Adhesive Mechanical Splice, Corning part number 95-000-04 or Black Box part number FO030.)

4. Splice the multimode fiber. (For multimode fiber, you'll use mechanical splicing.)

5. After the mechanical splice is done, install the mechanical splice in one of the 6 compartments in the multimode plastic base.

6. Repeat until all 6 compartments are filled.

7. Re-install the multimode plastic cover.

8. When all multimode plastic bases are loaded with fiber, use the cable ties to secure the cable. Then re-install the top metal splice cover and tighten the wing nuts (included with the cabinet) to secure the cable.
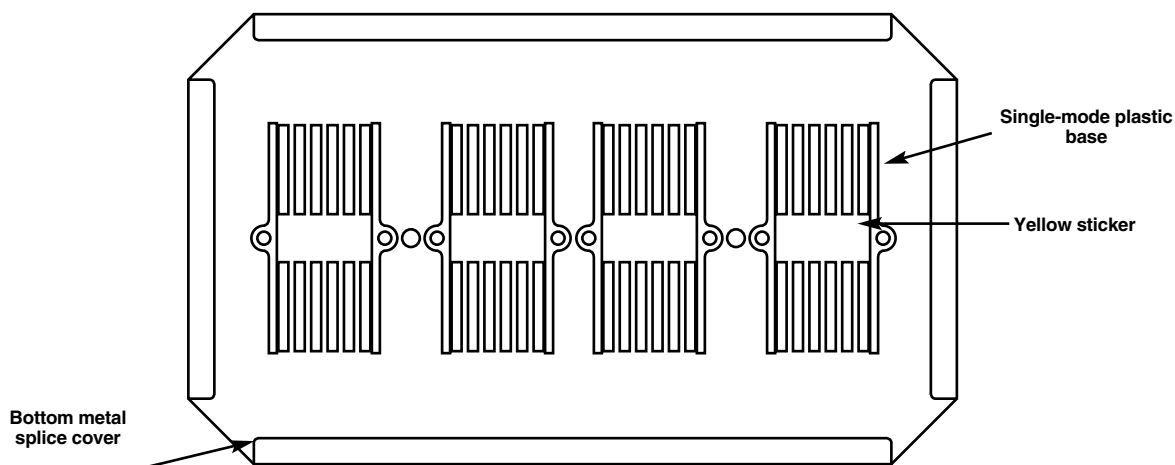
TRADEMARKS USED IN THIS MANUAL

Any trademarks mentioned in this manual are acknowledged to be the property of the trademark owners.

Splice Tray

Single-mode plastic base

Yellow sticker

Bottom metal splice cover

Specifications

Size: 0.5"H x 9.4"W x 5.5"D (1.3 x 23.8 x 14 cm)

Weight: 0.8 lb. (0.4 kg)

Overview

The Splice Tray can splice up to 24 strands of single-mode or multimode fiber. It's used with the Wallmount Fiber Cabinets [JPM401A-R2–402A-R2] and the Rackmount Fiber Cabinets [JPM406A-R2–407A-R2 and JPM418A-R2].

What's Included

Your package should include the following items. If anything is missing or damaged, please contact Black Box at 724-746-5500.

- (1) top metal splice cover

- (1) bottom metal splice cover

- (25) metal sleeves for single-mode splicing

- (4) single-mode plastic covers and bases (already installed in the bottom splice cover)

- (4) multimode plastic covers and bases

- (30) 3" (7.6-cm) cable ties

- (4) yellow stickers attached to the single-mode plastic bases