

SPLICE TRAY INSTRUCTIONS | ST-M-24

1. General

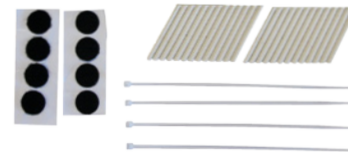
This document covers the installation of Total Cable Solutions Splice Tray Kit ST-M-24. The ST-M-24 stores up to 24 fusion, 16 mechanical, or 8 mass ribbon fiber splices from up to 6 buffer tube attachment points. Entrance of buffer tubes is located on cheese grate side while maintaining minimum fiber bend requirements. The tray is designed to accommodate single fusion splicing using 40mm (ST-FPS-40mm-50) or 60mm (ST-FPS-60mm-50) protection sleeves.

2. Assembly Contents

(1) ST-M-24 Aluminum base and cover, (2) Fusion Splice Chips, (4) Velcro® dots, (4) Tie-wraps, and (1) Splice Label (Mechanical/Mass Fusion splice chips available upon request).

3. Preparing the Organizer

Remove the cover and set aside. Select a right or left angle splice holder for either Fusion or Mechanical/Mass splicing and pull off tape to reveal the adhesive backing. Align the splice holder as shown and press to adhere to the base of the splice tray. If using the mounting holes in the bottom and top of the tray, please make sure the splice holder does not cover this hole.



WARNING!

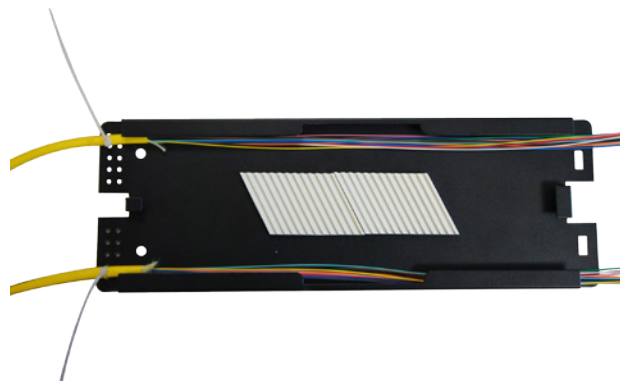
Verify that all light/laser sources are turned off while splicing fibers.
Make sure a minimum bend radius is maintained.

4.1 Preparing the Fiber

Prepare the fiber bundles per Manufacturer's recommended procedure, leaving 44" exposed for splicing.

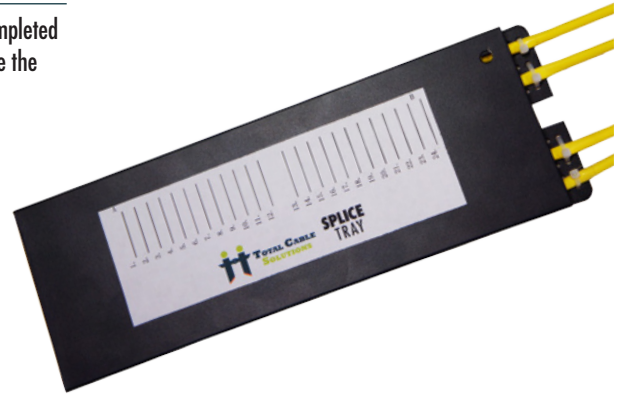
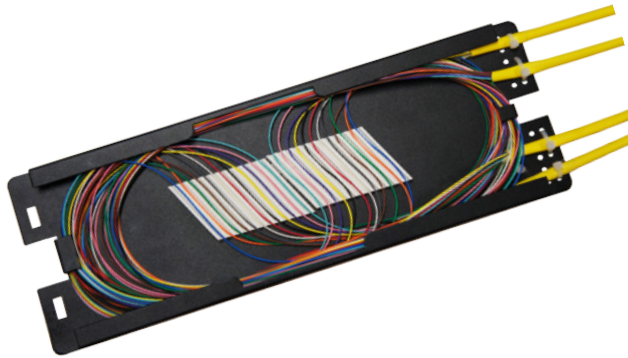
4.2 Routing the Fiber

Route fiber bundles to splice tray and secure using supplied tie-wraps. Ensure not to over tighten tie-wraps. Recommendation: for buffer tubes directly routed to a splice tray, install a 1" section of 1/8" spiral wrap or protective foam around the tube to help secure the tube from slipping from the tie-wraps.



4.3 Splicing the Fibers

Follow company procedures for splicing and protecting fibers. After splicing, store the completed splice and then store the slack as required. Ensure all stored slack is coiled properly inside the organizer. Install cover, making sure no exposed fibers can be accidentally pinched.



5. Labeling

Included in the splice tray kit is a self adhesive label that is affixed to tray for fiber identification.

6. Tray Storage

The tray can be stored by stacking onto one another using Velcro® straps or the enclosed self adhesive Velcro® dots. Follow all tray storage instructions as provided in the specific closure or enclosure installation manual.

SPECIFICATIONS

- Dimensions: 4"W x 11.82"L x 0.47"D
- Capacity: 24 Single Fusion Splices (16 Mechanical Splices or 8 Mass Fusion Splices with optional holders)
- Material: Aluminum .8mm thick
- Color: Black
- Weight: Approx. 0.65 lbs.
- Operating Temperature: -20°C - +80°C
- Finish: Polyester Powder Coat
- Standard: Telcordia GR-769
- Operating Humidity Level: Up to 100%

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