For complete HD Flex Fiber Cassette Enclosure installation instructions, visit www.panduit.com and search FS111.

**Table 1:**

| Product Family | Cassette part number | Cassette Description |
|---|---|---|
| 24-Fiber LC Splice Cassette (pre-loaded with discrete pigtails) | FHSZA-24-10P | 24-Fiber OM4 LC, Discrete Pigtails, Ultra IL |
| | FHS9N-24-10P | 24-Fiber OS2 LC, Discrete Pigtails, Standard IL |
| | FHS9N-24-LAP | 24-Fiber OS2 LC/APC, Discrete Pigtails, Standard IL |
| 24 Fiber LC Splice Cassette (pre-loaded with ribbon pigtails) | FHSZA-24-10R | 24-Fiber OM4 LC, Ribbon Pigtails, Ultra IL |
| | FHS9N-24-10R | 24-Fiber OS2 LC, Ribbon Pigtails, Standard IL |
| | FHS9N-24-LAR | 24-Fiber OS2 LC/APC, Ribbon Pigtails, Standard, IL |
| 12 Fiber SC Splice Cassette (pre-loaded with discrete pigtails) | FHSZA-12-03P | 12-Fiber OM4 SC, Discrete Pigtails, Ultra IL |
| | FHS9N-12-03P | 12-Fiber OS2 SC, Discrete Pigtails, Standard IL |
| | FHS9N-12-3AP | 12-Fiber OS2 SC/APC, Discrete Pigtails, Standard, IL |
| 12-Fiber SC Splice Cassette (pre-loaded with ribbon pigtails) | FHSZA-12-03R | 12-Fiber OM4 SC, Ribbon Pigtails, Ultra IL |
| | FHS9N-12-03R | 12-Fiber OS2 SC, Ribbon Pigtails, Standard IL |
| | FHS9N-12-3AR | 12-Fiber OS2 SC/APC, Ribbon Pigtails, Standard IL |
| Splice Only Cassette | FHSN-24 | Splice Only Cassette, No Front Connectivity |

**WARNING: UNMATED CONNECTORS MAY EMIT INVISIBLE LASER RADIATION. MAIN-TAIN DUST CAPS ON UNMATED CONNECTORS.**
**CAUTION:** Fiber optic cable is sensitive to excess pulling, bending, and crushing forces. Consult the manufacturer's cable specifications sheet for specific cable to use.

## Contents

24 Splice LC Splice Cassette pre-loaded with discrete pigtails
- (24) 40mm Discrete Split Sleeves
- (4) Pan-Ty™ Cable Ties

24 Fiber LC Splice Cassette pre-loaded with ribbon pigtails
- (24) 40mm Ribbon Splice Sleeves
- (4) Pan-Ty™ Cable Ties

12 Fiber SC Splice Cassette pre-loaded with discrete pigtails
- (12) 40mm Discrete Splice Sleeves
- (4) Pan-Ty™ Cable Ties

12 Fiber SC Splice Cassette pre-loaded with ribbon pigtails
- (1) 40mm Ribbon Splice Sleeve
- (4) Pan-Ty™ Cable Ties

Splice Only Cassette
- (24) 40mm Discrete Spice Sleeves
- (4) 40mm Discrete Splice Sleeves
- (8) Pan-Ty™ Cable TIes

Additional splice protectors available from *PANDUIT:*
- FOSP40-C: Single Fiber Splice Protectors (100 pcs)
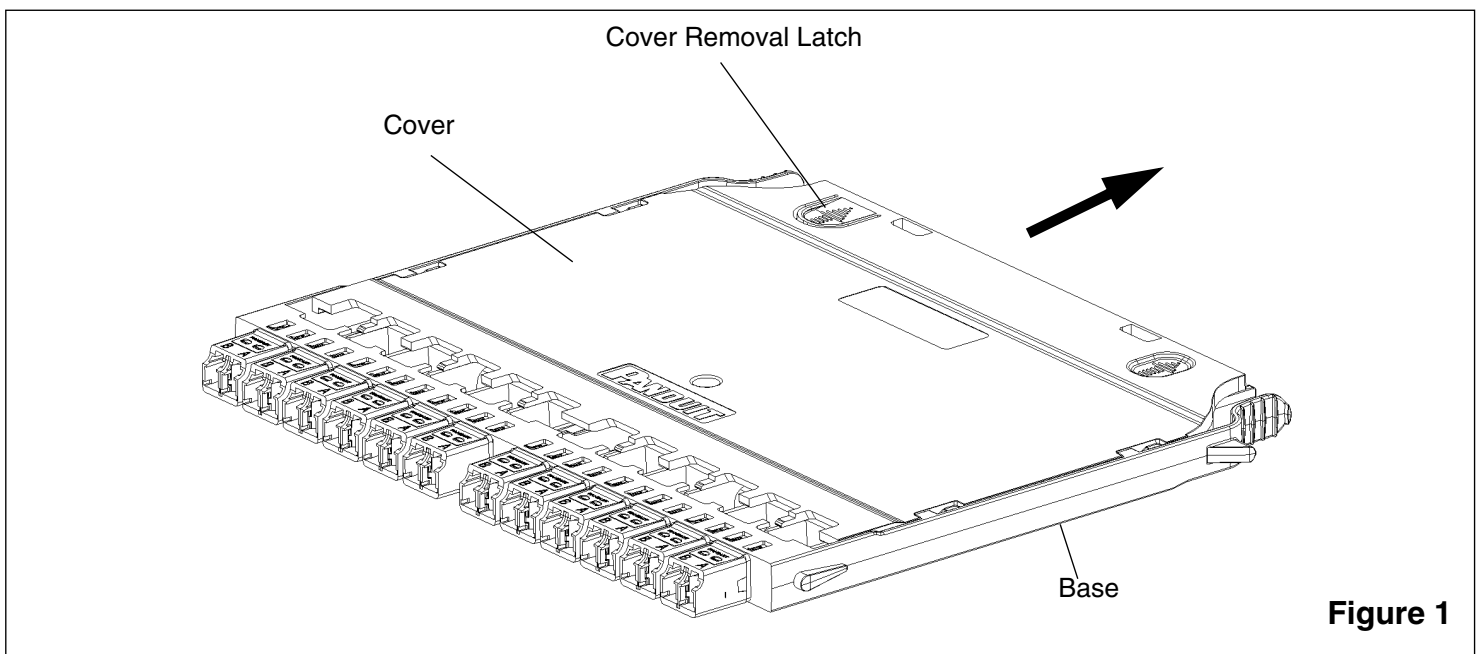- FOSPR40-L: Ribbon Fiber Splice Protectors (50 pcs)



**Figure 1**

Remove the cover, by pressing down on the cover removal latch, then sliding the cover back, in the direction of the arrow.

Ribbon Fiber Splice Sleeve Holders (3 per side)

Routing Tabs

Discrete Fiber Splice Sleeve Holders (24 per side)

Connector Adapters

Screws (Aramid Yarn Strain Relief)
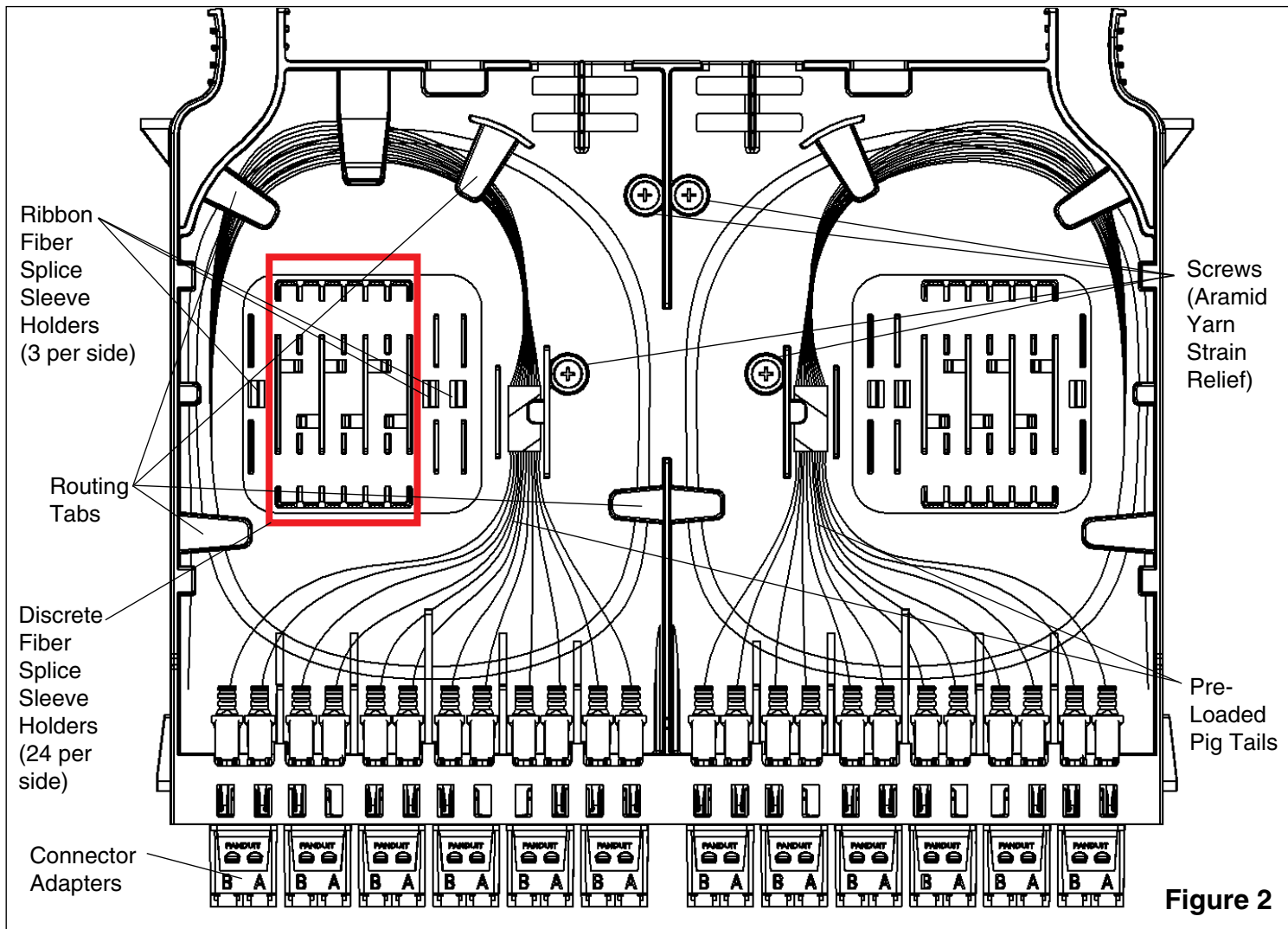
Pre-Loaded Pig Tails

**Figure 2**

Note the location of the internal components. The splice only cassettes are not supplied with pre-loaded pigtails nor connector adapters.
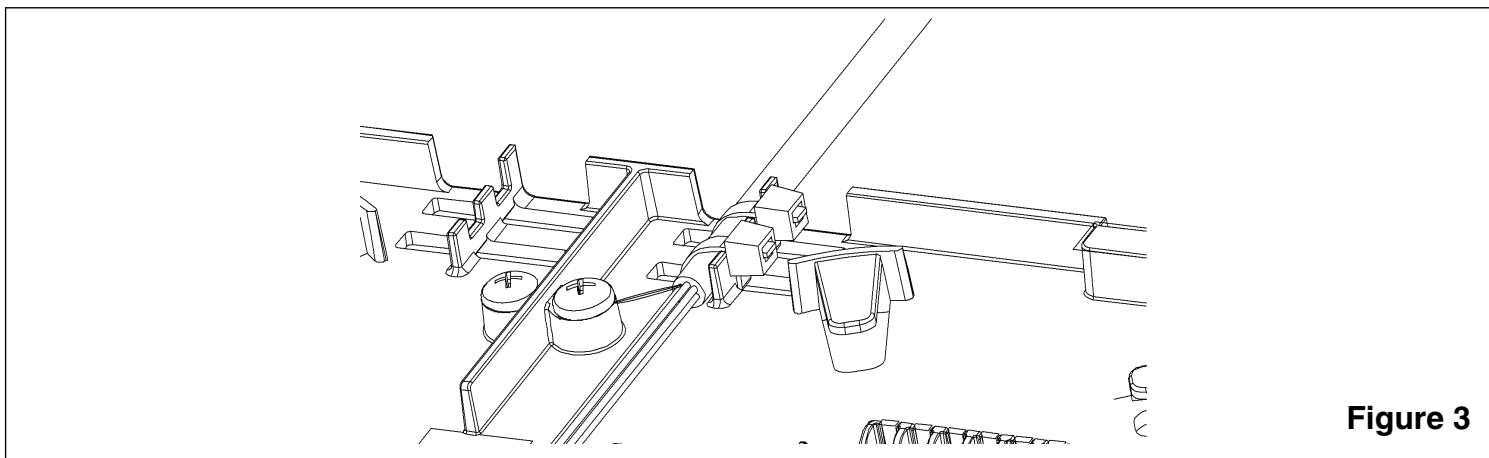
**Figure 3**

Strip incoming field outer cable jacket 20 inches, Secure with Pan-Ty™ Cable Ties, and Aramid Yarn with screw (optional). Max cable diameter: 7.4mm

Expose all fiber ends for splicing. Slide a splice sleeve onto either the (pigtail or field) fiber. Splice all fibers and heat splice sleeve(s). Refer to splicer manufacturer best practice instructions.

Refer to the following figures to route spliced fibers into cassettes ensuring fibers are located under the routing tabs. Secure splice sleeves in splice sleeve holders. Up to two splice sleeves can be stacked under each splice sleeve holder.
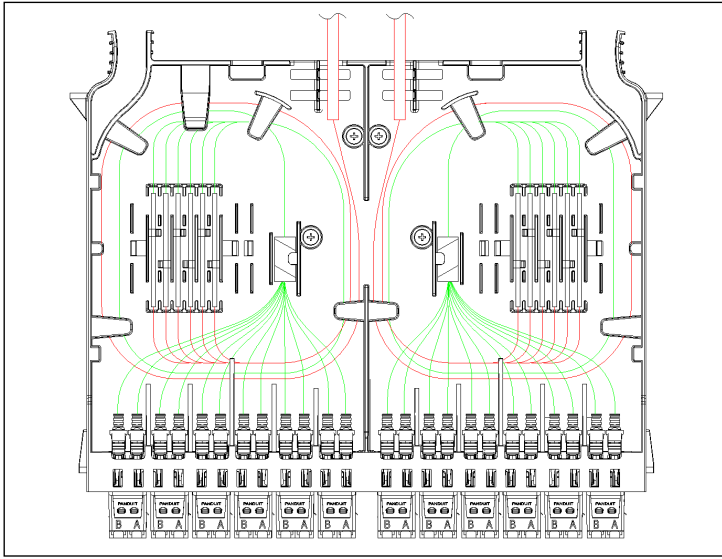


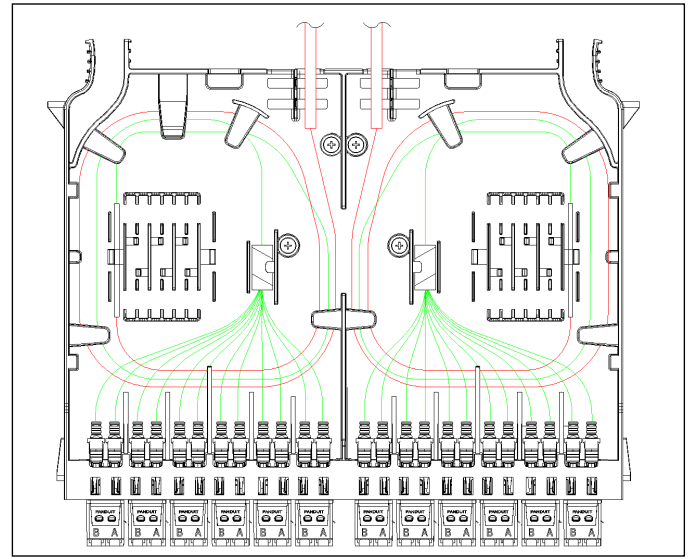**Figure 4:** 24 Fiber LC Splice Cassette with discrete pigtails



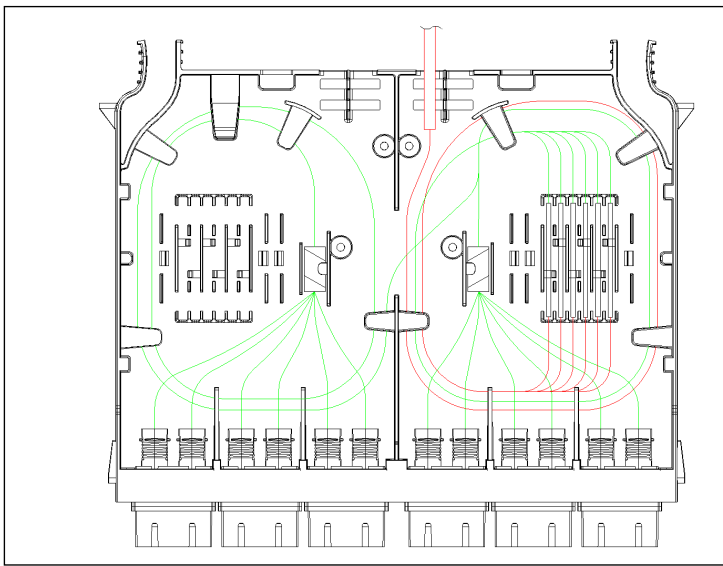**Figure 5:** 24 Fiber LC Splice Cassette with ribbon pigtails



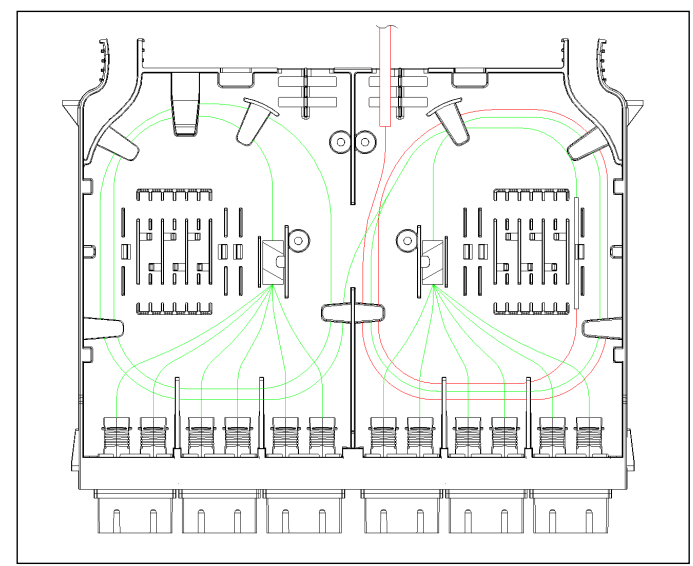**Figure 6:** 12 Fiber SC Splice Cassette with discrete pigtails



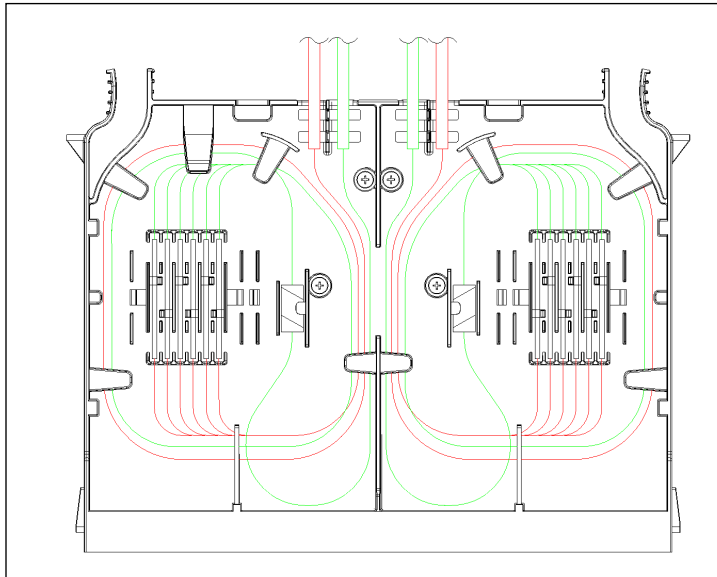**Figure 7:** 12 Fiber SC Splice Cassette with ribbon pigtails
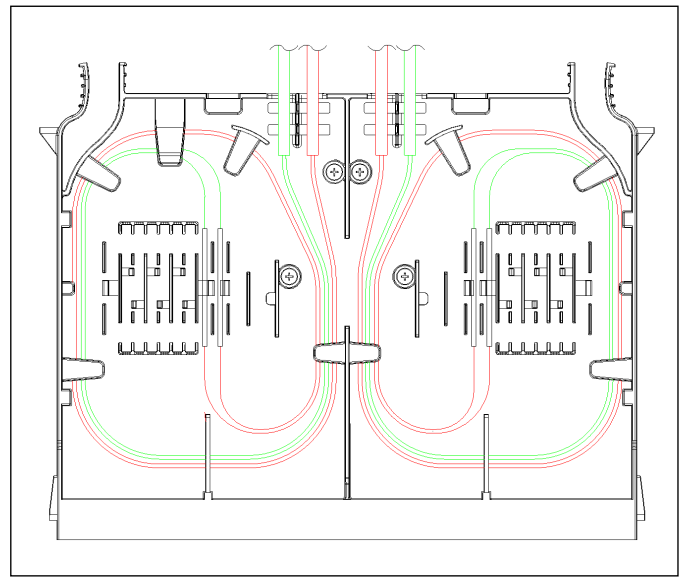
**Figure 8:** Discrete fiber in splice only cassette
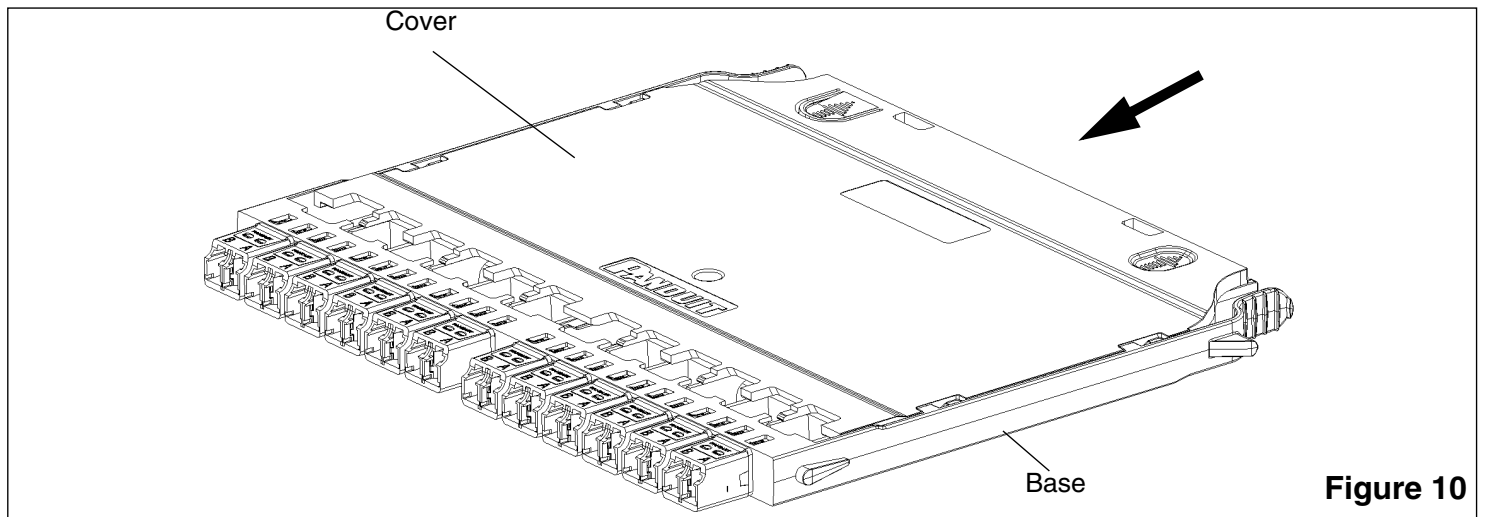


**Figure 9:** Ribbon Fiber in splice only cassette



Cover

Base

**Figure 10**

Re-install cover by sliding it forward onto the base.
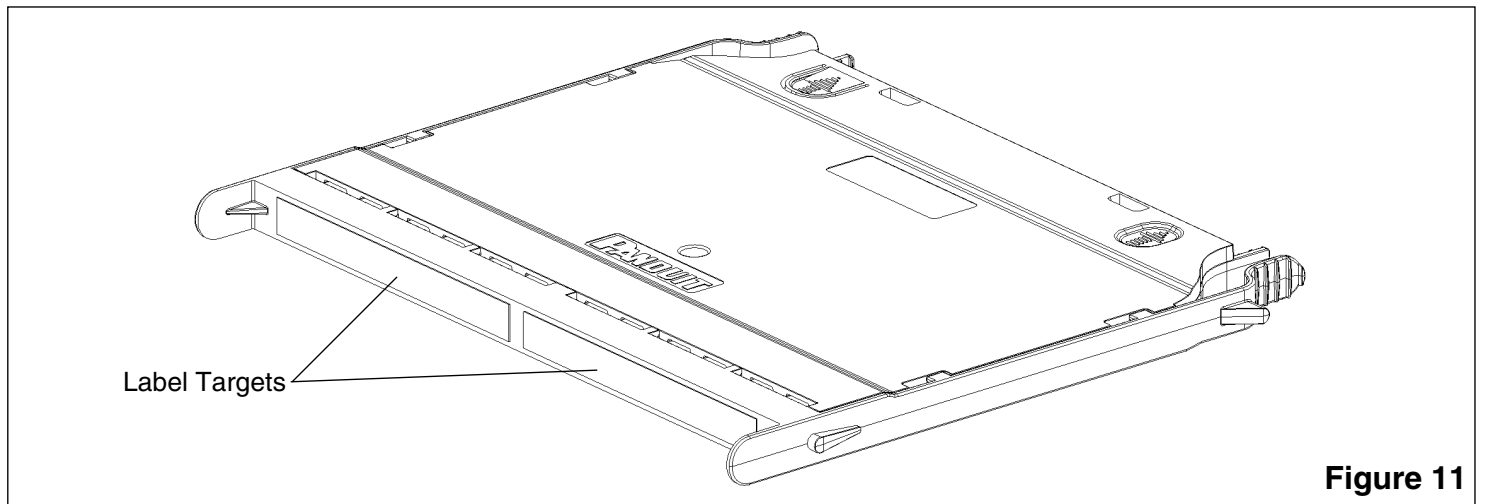


Label Targets

**Figure 11**

Splice only cassettes provide label targets. Each label can accommodate labels up to 3.25" long and 0.35" tall.

| **For Instructions in Local Languages and Technical Support:** | **PANDUIT** | **E-mail:** techsupport@panduit.com |
|---|---|---|
| www.panduit.com/resources/install_maintain.asp | www.panduit.com | **Phone:** 866-405-6654 |

Page 5 of 5