



Fiber Splice Encloser Kit (915990001) Installation Instructions

Overview

The parts listed in *Table 1* are included with the kit.

Table 1 Kit Components

Part Number	Description	Quantity
240-0220	Four-hole fiber splice enclosure (COYLCC-F006)	1
240-0221	Pole/wall mounting kit (8003830)	1
090-5001	ST connector kit	4
09-5011	ST splice bushing	2
310-0110	8.5-inch cable tie	4

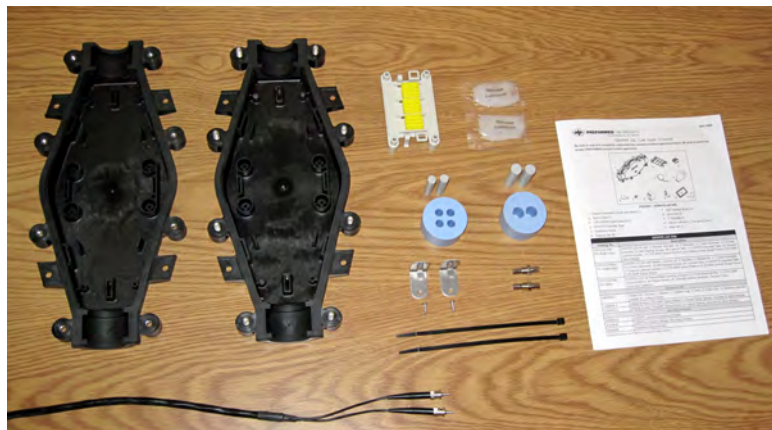


Figure 1 Fiber Splice Enclosure Kit

Installation Procedure

- Step 1. Terminate ST connectors per instructions provided with termination kit.
- Step 2. Plug any unused holes in grommet with the provided plastic plugs (see *Figure 2*).



Figure 2 Plug Unused Holes

Step 3. Route cables through grommet (see *Figure 3*).



Figure 3 Route Cables

Step 4. Install “L” bracket at end where the cable will enter the enclosure (see *Figure 4*). If it is preferred that the cables enter from either end, then mount the bracket accordingly so the cable can be rigidly attached to the bracket.



Figure 4 Install Bracket

Step 5. Apply a thin layer of silicon lubricant to the outer surface of the grommet (see *Figure 5*).



Figure 5 Apply Silicon Lubricant

Step 6. Insert grommet into the housing and route the cables (see *Figure 6*).

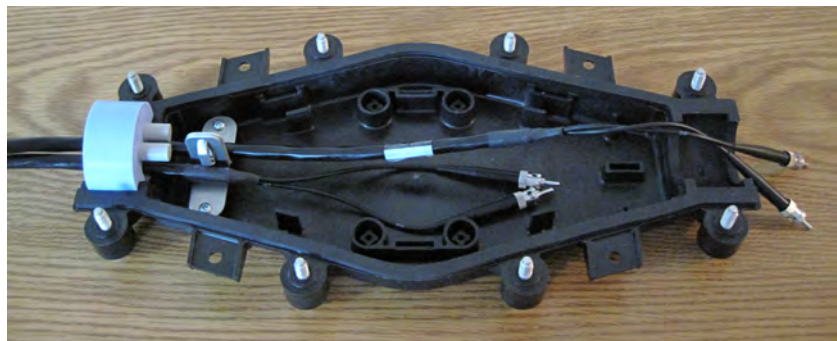


Figure 6 Insert Grommet

Step 7. Attach cables to "L" brackets using the provided wire ties (see *Figure 7*).

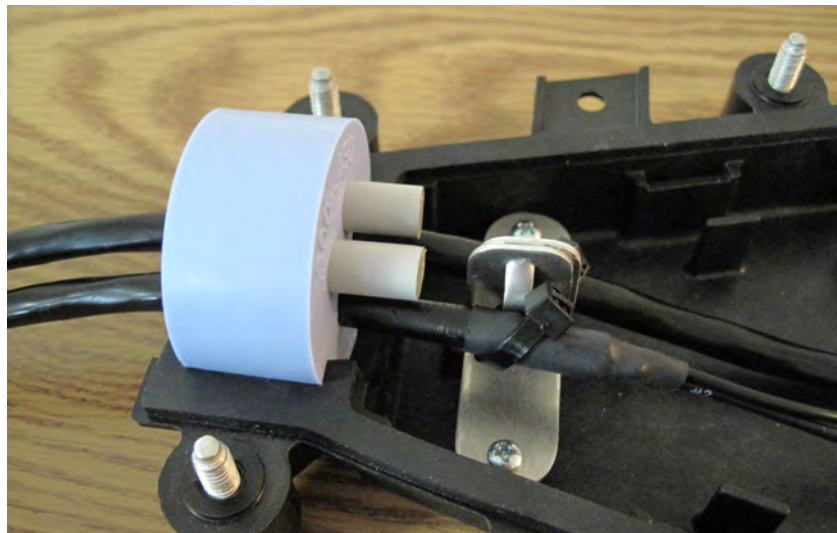


Figure 7 Attach Cables to Brackets

Step 8. Route cables and attach fiber together using the provided ST fiber splice bushings (see *Figure 8*).

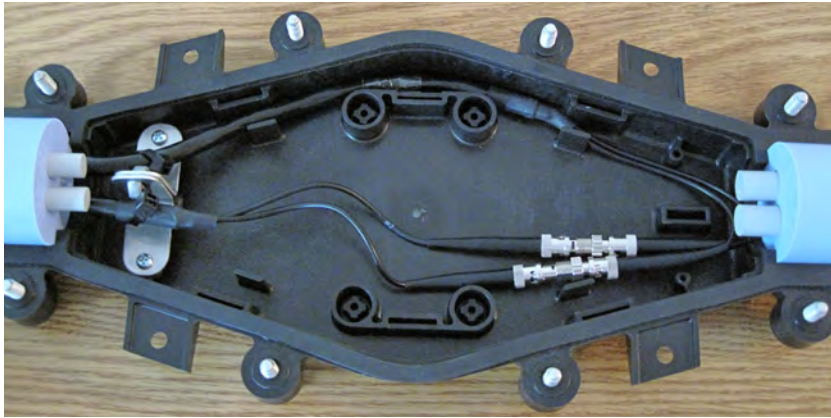


Figure 8 Route Cables and Attach Fiber

Step 9. Install fiber retention ears and splice tray to secure cable to enclosure (see *Figure 9*).

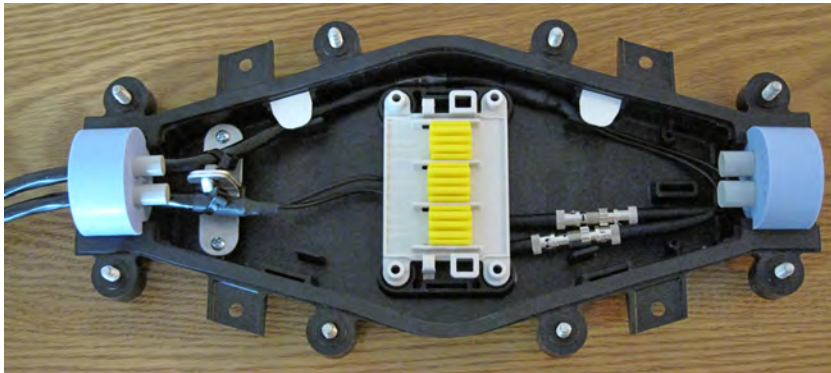


Figure 9 Install Retention Ears and Splice Tray

Step 10. Apply a thin layer of silicon lubricant to the black rubber gasket around the perimeter of the housing (see *Figure 10*). Verify that both grommets have lubricant applied.



Figure 10 Apply Silicon Lubricant to Gasket

NOTE: For installation of the Pole/Wall Mount Bracket Kit, please refer to the installation instructions included with the kit.

Step 11. Install top cover and tighten bolts using a 3/8" wrench or socket.

Step 12. Tighten bolts until top cover is fully seated and is touching the base. Torque bolts to 20 in-lbs.

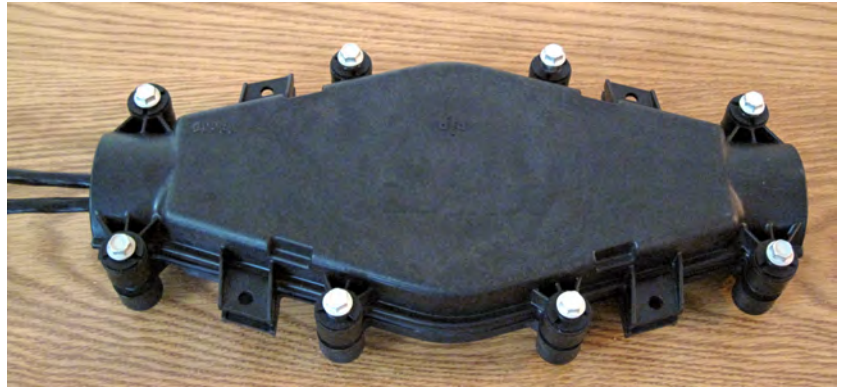


Figure 11 Assembled Fiber Splice Enclosure

Factory Assistance

We appreciate your interest in SEL products and services. If you have questions or comments, please contact us at:

Schweitzer Engineering Laboratories, Inc.
 2350 NE Hopkins Court
 Pullman, WA 99163-5603 USA
 Telephone: +1.509.332.1890
 Fax: +1.509.332.7990
 Internet: www.selinc.com
 Email: info@selinc.com

WARNING

Operator safety may be impaired if the device is used in a manner not specified by SEL.

© 2010 by Schweitzer Engineering Laboratories, Inc. All rights reserved.

All brand or product names appearing in this document are the trademark or registered trademark of their respective holders. No SEL trademarks may be used without written permission. SEL products appearing in this document may be covered by US and Foreign patents.

Schweitzer Engineering Laboratories, Inc. reserves all rights and benefits afforded under federal and international copyright and patent laws in its products, including without limitation software, firmware, and documentation.

The information in this document is provided for informational use only and is subject to change without notice. Schweitzer Engineering Laboratories, Inc. has approved only the English language document.

This product is covered by the standard SEL 10-year warranty. For warranty details, visit www.selinc.com or contact your customer service representative.

AVERTISSEMENT

La sécurité de l'opérateur peut être compromise si l'appareil est utilisé d'une façon non indiquée par SEL.



SCHWEITZER ENGINEERING LABORATORIES, INC.

Fault Indicator and Sensor Division
 450 Enterprise Way • Lake Zurich, IL 60047 USA
 Tel: +1.847.362.8304 • Fax: +1.847.362.8396 • www.selinc.com • info@selinc.com

