

# APPLICATION PROCEDURE & SAFETY CONSIDERATIONS **PREFORMED** LINE PRODUCTS



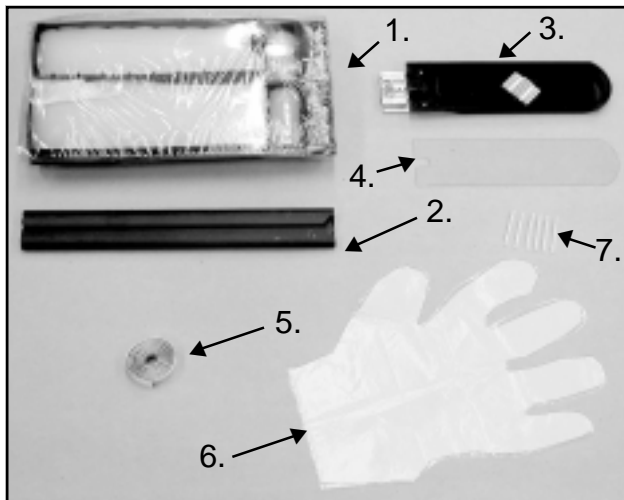
JANUARY 2003

## **COYOTE® Drop Cable Closure**

Completely read and understand this procedure before using product. Be sure to select the proper PREFORMED™ product before installation.

### **1.00 NOMENCLATURE**

1. Pre-Encapsulated Closure
2. Closing Clamp
3. Splice Tray Assembly
4. Splice Tray Cover
5. Sealant Strip
6. Disposable Glove
7. 40 mm Heat Shrink Splice Protectors (six)



**FIGURE 1 - NOMENCLATURE**

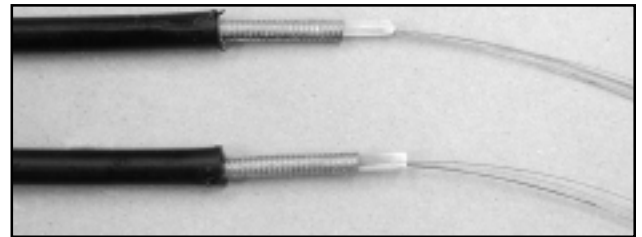
### **2.00 DESCRIPTION**

- 2.01** The COYOTE Drop Cable Closure is a re-enterable (not re-usable), encapsulant filled closure for splicing buried fiber optic drop cables (up to 6-fiber).
- 2.02** The COYOTE Drop Cable Closure will accept either dielectric or shielded fiber optic drop cables with a diameter of up to 0.5" (13 mm).
- 2.03** The Splice Tray Assembly will accommodate up to six heat shrink (40 mm max) protected fusion splices. Six 40 mm heat shrink protectors are supplied with each kit.

### **3.00 CABLE PREPARATION**

- 3.01** Mark and remove 25" (635 mm) of sheath from the two cables being spliced.

- 3.02** For shielded cable remove an additional 1" (25 mm) of sheath to expose the metallic shield. (Figure 2)

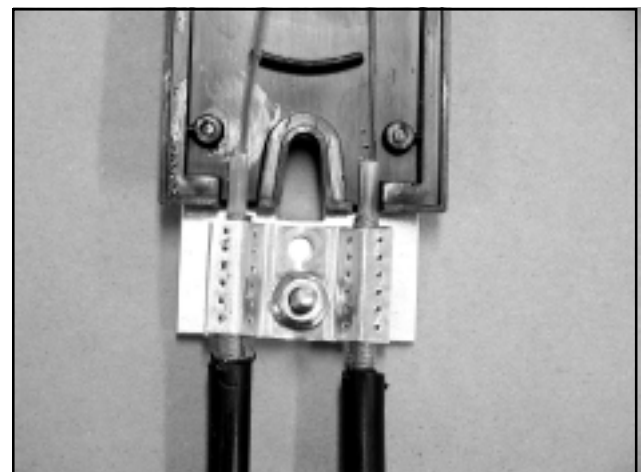


**FIGURE 2 - CABLE PREPARATION**

- 3.03** Remove all but 3/4" (19 mm) of the central (buffer) tube, and clean the fibers per standard company practice.

### **4.00 SECURE CABLES TO SPLICE TRAY ASSEMBLY**

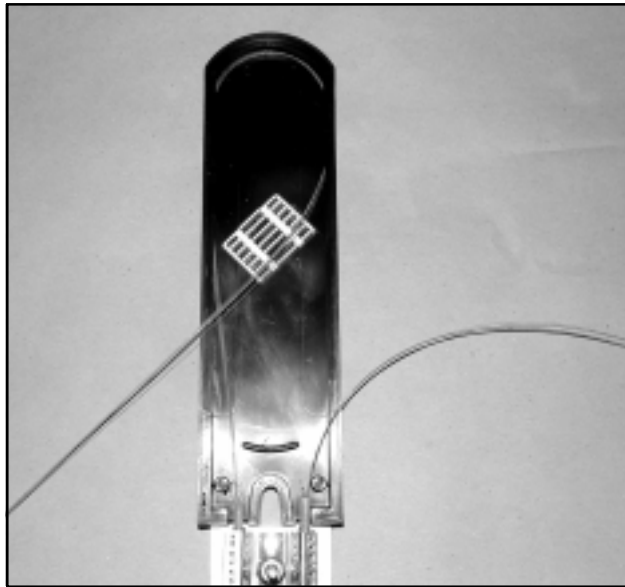
- 4.01** Remove hex nut and upper half of bond connector.
- 4.02** Position exposed metallic shield (or sheath for dielectric cables) in the groves of the bottom half of the Bond Connector.
- 4.03** Replace upper half of connector and tighten hex nut (Figure 3)



**FIGURE 3 - PLACE CABLES IN BOND CONNECTOR**

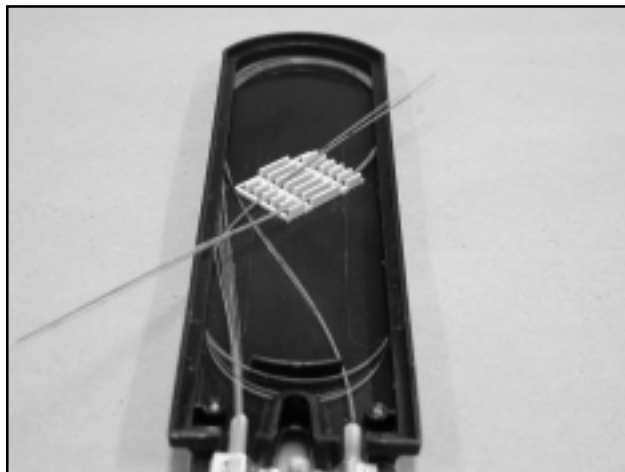
## **5.00 ROUTE FIBERS ON SPLICE TRAY & SPLICE FIBERS**

**5.01** Route the fibers from the left control tube down the left side of the splice tray, around the end and into the splice block. (Figure 4)



**FIGURE 4 - ROUTE FIBERS OF LEFT CENTRAL TUBE**

**5.02** Route the fibers from the right central tube across the splice tray, around the splice tray one complete turn, and into the other side of the splice block. (Figure 5)

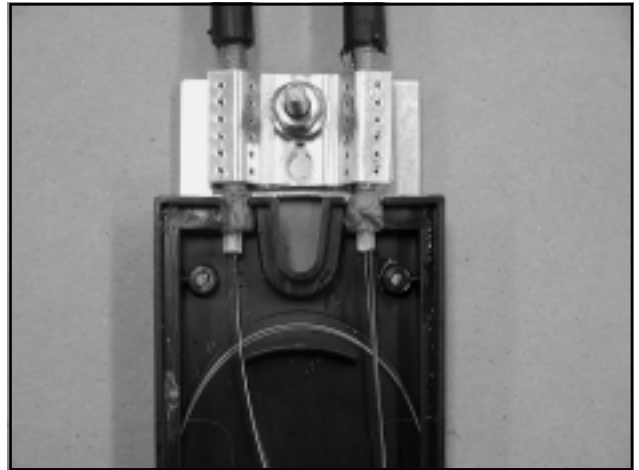


**FIGURE 5 - ROUTE FIBERS OF RIGHT CENTRAL TUBE**

**5.03** Fusion Splice the fibers per standard company practices. Use the 40 mm heat shrink splice protector provided with the kit to protect the fused splices.

## **6.00 SEAL SPLICE TRAY**

**6.01** Use a small amount of the Sealant strip provided to seal the openings in the Splice Tray where the central tubes enter. (Figure 6)

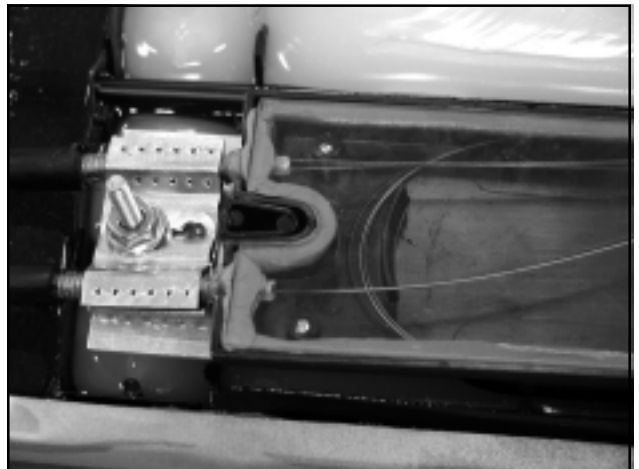


**FIGURE 6 - SEAL ENTRIES TO SPLICE TRAY**

**6.02** Apply Sealant to the ledge completely around the splice tray.

**6.03** Press the clear Splice Tray Cover into place to seal the Splice Tray.

**6.04** Position the completed Splice Tray assembly over the V-shaped post in the encapsulated closure. (Figure 7)



**FIGURE 7 - POSITION SPLICE TRAY OVER V-SHAPED POST**

## **7.00 SEAL CLOSURE**

**7.01** Bring the two halves of the closure together as tightly as possible.

**7.02** Starting on the end of the closure opposite the cables, start the V-notched end of the closing clamp. (Figure 8)



**FIGURE 8 - START CLOSING CLAMP**

**7.03** Tap the Closing Clamp slowly with a mallet or hammer until the Closing Clamp is fully installed. (Figure 9)

**PLP NOTE:** To properly seal closure remember to tap the closing clamp slowly to allow the excess sealant to “work out” of the closure end.



**FIGURE 9 - COMPLETED CLOSURE**

### **SAFETY CONSIDERATIONS**

1. This application procedure is not intended to supersede any company construction or safety standards. This procedure is offered only to illustrate safe application for the individual. **CAUTION: FAILURE TO FOLLOW THESE PROCEDURES AND RESTRICTIONS MAY RESULT IN PERSONAL INJURY OR DEATH.**
2. This product is intended for the specified application. **CAUTION: DO NOT MODIFY THIS PRODUCT UNDER ANY CIRCUMSTANCES.**
3. This product is intended for use by trained craftspeople only. This product **SHOULD NOT BE USED** by anyone who is not familiar with and trained in the use of it.
4. When working in the area of energized lines with this product, **EXTRA CARE** should be taken to prevent accidental electrical contact.
5. For **PROPER PERFORMANCE AND PERSONAL SAFETY** be sure to select the proper size **PREFORMED™** products before application.
6. **PREFORMED** products are precision devices. To insure proper performance, they should be stored in cartons under cover and handled carefully.

**PREFORMED** LINE PRODUCTS 

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