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)

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)
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)
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)

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)

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)

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)
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)

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.
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 contract.

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.