

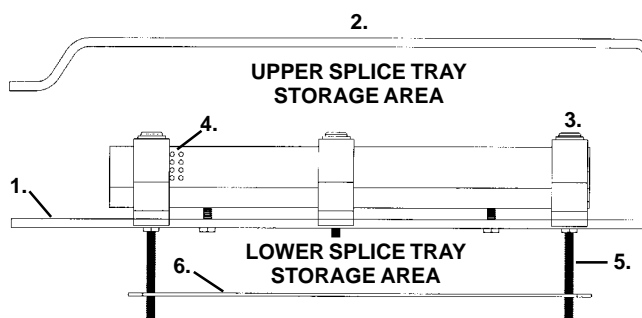
COYOTE® RETROFIT CLOSURE FOR UNDERGROUND, AERIAL AND BURIED SPLICES (Cat. No. 8006638)

Be sure to read and completely understand this procedure before applying product. Be sure to select the proper PREFORMED™ product before application.

PLEASE NOTE: This procedure is intended to be used in conjunction with the procedure entitled, "COYOTE® Closure for Underground, Aerial and Buried Splices" (SP2822-4).

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1.00 NOMENCLATURE



**FIGURE 1 - FIBER MANAGEMENT
SYSTEM ASSEMBLY**

- | | |
|---|---------------------------------|
| 1. Lower Torque Bar | 4. Storage Channel |
| 2. Upper Torque Bar | 5. COYOTE Splice Tray Studs (2) |
| 3. Metal Retainer Clips and Hook and Loop Retainer Straps (3) | 6. Splice Tray Hold Down Strap |

2.00 DESCRIPTION AND CLOSURE CAPACITIES

2.01 For Safety Considerations, refer to Section 18.00 of this procedure.

2.02 The COYOTE Retrofit Closure is designed to replace and/or extend the capacity of field installed fiber optic closures manufactured by other suppliers. Specifically, the COYOTE Retrofit Closure will accommodate an existing fiber management system from the following closures:

- Lucent Technologies (AT&T): UCB1
- 3M: 2178/2178S
- Other manufacturers: consult PLP®

2.03 The area above the metal retainer clips is used to store the existing Lucent Technologies or 3M splice trays. The maximum number of splice trays which can be stored in this area is shown in Table 1.

Manufacturer	Minimum Number of Splice Trays
Lucent	6
3M	5

TABLE 1

2.04 The lower splice tray storage area will accommodate up to four 36-count single fiber COYOTE Splice Trays or up to two COYOTE Splice Trays for 144-count mass fusion ribbon fiber splice (96-count each for mass mechanical). The total capacity for these COYOTE Splice Trays is 144 single fibers, 192 mass mechanical, or 288 mass fusion.

3.00 END PLATE CONFIGURATIONS

3.01 The COYOTE Retrofit Closure comes equipped with two Three-Section End Plates so that either in-line or butt configurations can be accommodated.

3.02 Because of the position of the lower Torque Bar, each Three-Section End Plate will accept up to five cables; three in the top seam and two in the bottom seam. (Figure 2) The arrows indicate the ground inserts for each cable entry port.

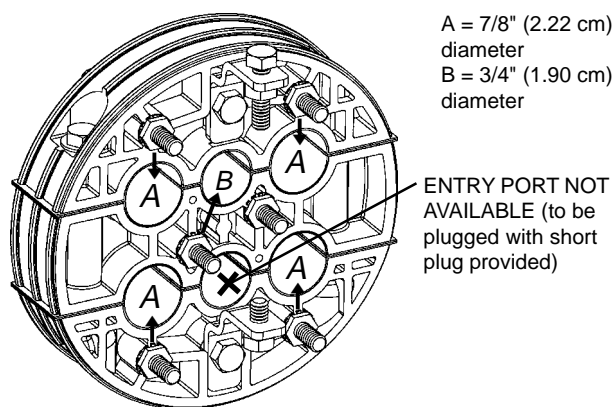


FIGURE 2 - DIAGRAM OF END PLATE

4.00 CABLE PREPARATION

4.01 Before disassembling the existing fiber optic closure, the position of the COYOTE Retrofit Closure End Plate(s) on the cables must be determined.

4.02 Loosely assemble the fiber management system to the End Plates as detailed in Figure 3.

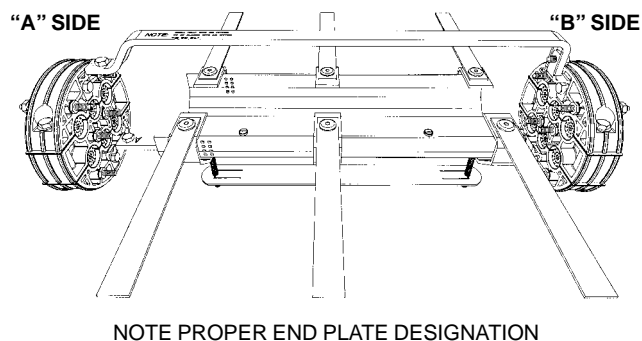


FIGURE 3 - FIBER MANAGEMENT SYSTEM

4.03 Position the assembled Fiber Management System and End Plates against the closure to be retrofit to determine the location of the COYOTE Retrofit Closure End Plates on the existing cables.

4.04 Mark the existing cables where the COYOTE Retrofit Closure End Plates will be located.

PLP TIP: If the location of COYOTE Retrofit Closure End Plate is within the existing closure cable termination, mark the cable against the inside and outside surface of the existing cable termination.

4.05 Measure and prepare existing cables and cables to be added per paragraphs 4.02 - 4.09 of SP2822-4.

5.00 INTERNAL BOND PROCEDURE

- 5.01 Follow the procedures of section 5.01 of SP2822-4.

6.00 END PLATE PREPARATION

- 6.01 Remove the End Plates from the loosely assembled Fiber Management System and follow the procedures of paragraphs 6.01 and 6.02 of SP2822-4.

7.00 END PLATE ASSEMBLY

- 7.01 Follow the procedures of paragraphs 7.01 - 7.10 of SP2822-4 for both End Plates.

NOTE: The existing cables from the closure being retrofitted should be installed in the upper entry ports of the End Plates. The special shortened plugs must be installed in the lower middle entry port on both End Plates.

8.00 FIBER MANAGEMENT SYSTEM ASSEMBLY

- 8.01 Reassemble the Fiber Management System to the End Plates per Figure 3.

9.00 ROUTING EXISTING BUFFER TUBES OR FIBERS AND SECURING EXISTING SPLICE TRAYS

- 9.01 Slack buffer tubes and/or slack fibers from the existing closure should be routed within the storage channel between the upper and lower splice tray storage areas.
- 9.02 Stack existing splice trays on top of the three metal retainer clips.

- 9.03 Secure the existing splice trays in place with the hook-and-loop retainer straps. (Figure 4)

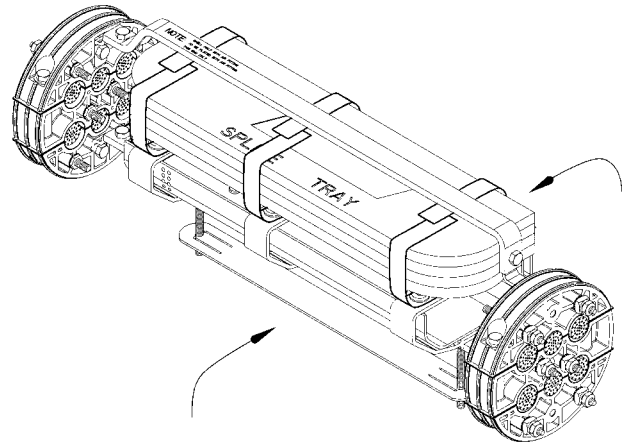


FIGURE 4 - SECURING EXISTING SPLICE TRAYS

10.00 ROUTING ADDITIONAL BUFFER TUBES OR FIBERS

- 10.01 Slack buffer tubes and/or slack fibers from additional branch cables should be routed at least one time around the storage channel between the upper and lower splice tray storage areas.
- 10.02 Route the appropriate buffer tubes or fibers from the existing cables or additional branch cables from the storage channel to the Splice Trays in the lower splice tray storage area.
- 10.03 For routing bare fibers from the storage channel to the splice trays, use transport tubes (available from PLP in a kit containing eight tubes, 34" long, Cat. No. 8003176).
- 10.04 Secure the transport tubes to the storage channel with the tie-wraps provided with the COYOTE Splice Trays.

11.00 SECURING AND ROUTING FIBERS IN COYOTE SPLICE TRAYS

- 11.01 For buffer tubes, follow the procedures in paragraphs 14.03 - 14.13 of SP2822-4.
- 11.02 For bare fibers in transport tubes, follow the procedures in Section 13.00 of SP2822-4.

12.00 INSTALLING CLOSURE SHELLS

- 12.01 Install the closure shell halves per Section 15.00 of SP2822-4.

13.00 EXTERNAL BOND PROCEDURE

- 13.01 Follow the procedures in Section 16.00 of SP2822-4.

14.00 STRAND MOUNT PROCEDURE

- 14.01 Follow the procedures in Section 17.00 of SP2822-4.

15.00 MANHOLE SUPPORT BRACKET INSTALLATION

- 15.01 Follow the procedures in Section 18.00 of SP2822-4.

16.00 BURIED INSTALLATION

- 16.01 Follow Section 19.00 of SP2822-4.

17.00 MAINTENANCE PROCEDURES

- 17.01 See Section 20.00 of SP2822-4.

18.00 SAFETY CONSIDERATIONS

18.01 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. Failure to follow these procedures may result in personal injury.

18.02 When working in the area of energized lines, extra care should be taken to prevent accidental electrical contact.

18.03 For proper performance and personal safety, be sure to select the proper size PREFORMED™ product before application.

18.04 This product is intended for use by trained craftspeople only. This product **should not be used** by anyone who is not familiar with, and not trained to use it.

PREFORMED LINE PRODUCTS 

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