COMMSCOPE®

FOSC 400 A8 and B8 Splice Closure 2-Drop Kit

Figure 1

1.0 General Product Information

The FOSC 400 A8/B8 closure 2-drop kit contains components required to prepare and install two drop wires in one port of the FOSC 400 A8 or B8 closure. The drop cables, when placed side by side, should not be wider than .4".

2.0 Warnings and Safety Precautions

Use company-approved safety practices and equipment when installing the FOSC 400 A8 or B8 closure.

3.0 Kit Contents

The following components comprise the FOSC ACC 400 A8/B8 closure 2-drop kit (contents shown in Figure 1):

- LBT (Loose buffer tube) felt wrap
- Cleaning Tissue
- Strength member attachments
- (2) SCOP's (Small Cable Overheat Protection)
- (2) Aluminum tape.
- Cable port seal
- Abrasive strip
- Tie wraps
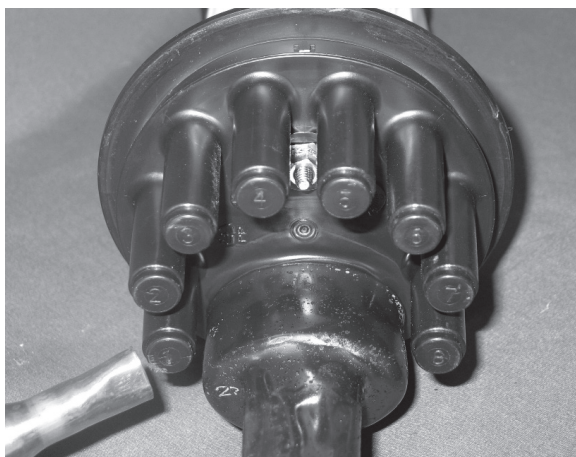- Small transportation tubing (2 ft.)
- Installation Instructions

Figure 2

4.0 Installation Instructions

1. Heat port to soften (Figure 2).
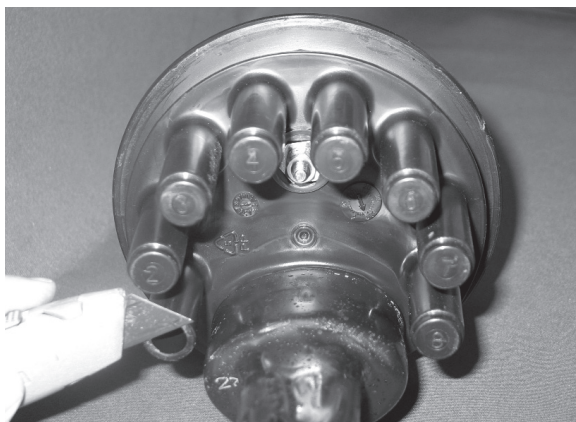2. Open port with sheath knife (Figure 3).

Figure 3

3. Clean and abrade port with abrasive strip (Figure 4).

Important: Slide the round port seal over the cables to be installed. The arrow on the sleeve should face towards the closure base.
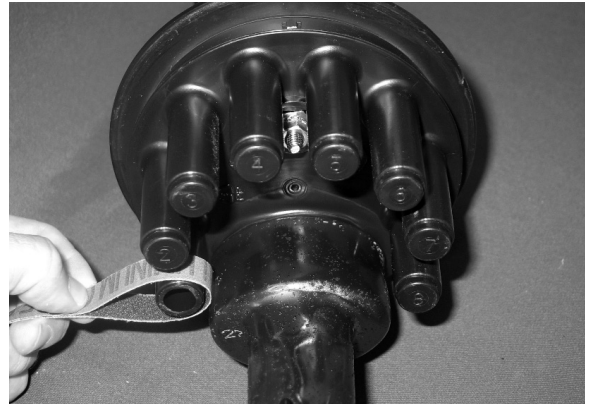

Figure 4

4. To prepare drops, ring cut and remove 48″ - 58″ of cable jacket. Remove all but 1.5″ of buffer tube if present. Place fibers in the small tubing (approx. 1 ft. length) and slide tubing inside buffer tube 1″. Cut the strength member(s) 2″ from the ring cut (Figure 5).

Strength member
2″
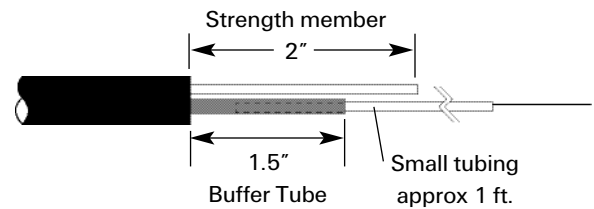1.5″
Buffer Tube
Small tubing approx 1 ft.

Figure 5

5. Attach the strength member attachment to the closure. Slide all strength members under the strength member attachment bracket and tighten bolt. (Figure 6)

6. Mark the cable 5″ outside of the port. Clean and abrade the cable from the port to the mark.

Buffer Tubes

Strength Member

Figure 6

7. Wrap SCOP on each cable at the end of the port. Correct orientation is indicated on the back of the SCOP (Figure 7).
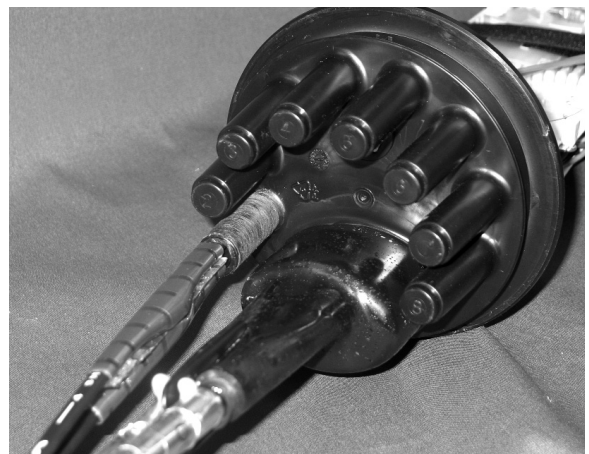

Figure 7

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8. Place the aluminum tape against the SCOP and wrap one lap of aluminum tape around each cable. The blue line on the tape should be positioned closest to the closure (Figure 8).
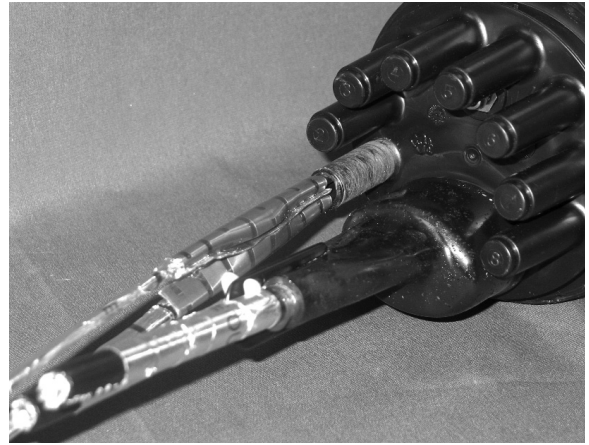

Figure 8

9. Slide the port seal up over the port making sure the arrow is pointing towards the closure base. Place a tie wrap around the cables, below the port seal. (Figure 9)

10. Heat the sleeve next to the closure base first, let cool a few seconds then continue to recover the remainder of the sleeve until all the green paint disappears.
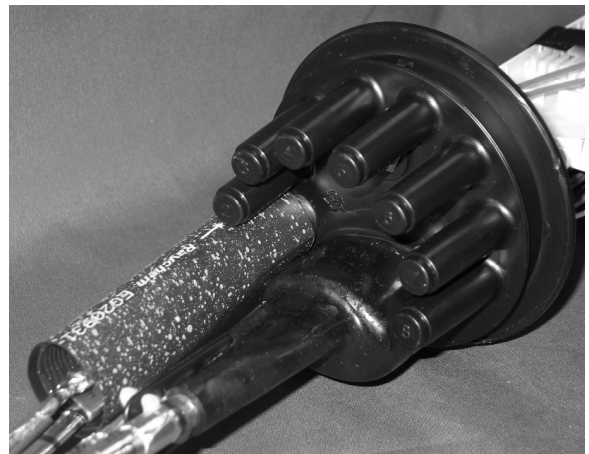

Figure 9

11. Port seal fully recovered. (Figure 10)

Figure 10

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