

for TRAC Non Heat-Shrinkable Closure

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## 1.0 General Product Information

The TRAC closure is a torchless, non heat-shrinkable closure system for free-breathing aerial applications. It is designed to handle straight and branch configurations of polyethylene-insulated cables. The TRACE splice closure extension kit is used to extend the TRAC closure to accommodate extended sheath openings.

The following instructions explain how to install the TRACE closure extension kit with the TRAC aerial closure after splice work is completed. Multiple TRACE closure extension kits may be used to further extend the closure.

Sheath openings for installing one TRACE closure extension kit with one TRAC closure are shown below.

Kit	Attribute	Sheath Opening*
TRACE AA	25" body	41"
TRACE AA	17" body	33"
TRACE A		26 - 32"
TRACE B		29 - 40"
TRACE B+		29 - 40"
TRACE C		36"
TRACE D		40"

\* The sheath opening dimension is for strand supported bond applications. For rigid bond applications, add 3".

## 2.0 Caution

Use company-approved safety practices and equipment when installing the TRAC aerial closure and TRACE closure extension kits.

## 3.0 Kit Components

The following components are included in each TRACE closure extension kit:

Component	AA	A	B	B+	C	D
TRACE Body	1	1	1	1	1	1
Bond Bar Sleeve	1	1	1	1	1	1
Extension Bar	1	1	1	1	1	1
Coupler	1	n/a	n/a	n/a	1	n/a
Instructions	1	1	1	1	1	1
Tie-Wraps (for CB)	3	2	2	2	2	2
Tie-Wraps (for EP)	n/a	n/a	n/a	2	3	3

## 4.0 General Installation

Note: All cutting must be done on the TRAC closure central body, NOT on the TRACE extension body.

### A. New TRAC and TRACE closure installations for A, B, B+, and D closures

1. Make appropriate sheath opening, if required, as shown in Sheath Opening Table.
2. Install bond clamps 90° from top of cables.
3. Follow steps B3-5 below.
4. Complete splice work.
5. Follow steps B6-9 below.

### B. Extend existing TRAC closure installation with TRACE closure extension kit for A, B, B+, and D closures

1. Remove the TRAC closure body.
2. Remove end piece at end to be extended.
3. Remove braid and hanger bracket on end to be extended. Save the nuts.
4. Install TRACE closure bond bar and insulating tubing. Each bond bar has multiple holes. Use only holes stamped with the letter that matches the TRAC closure kit size being extended.
5. Re-attach braid and hanger bracket. Attach hanger bracket to strand. Attach braids to bond clamps.
6. Position the end pieces over the hanger bracket and against the ends of the bond bar with the hinge on top. Center the cables through the ports of the end pieces. Press half shells together at branch cables to engage latch. Install the TRACE extension body and fasten latches/bolts. (Figure 1)
7. Position TRAC closure body as shown in Figure 2 to determine appropriate cut length. Using snips, cut the closure body flaps. using the sheath knife, score convoluted section of the TRAC closure body. Break body apart.
8. Install remaining TRAC closure body over TRACE closure body and end piece.
9. Support the completed extended TRAC and TRACE closure to the strand using approved supports and spacers as required by the length of the assembly. Place tie wraps in slots at both ends. (Figure 3)

- C. AA and C Closures Only: Follow steps B1-5. Continue by placing coupler over wirework near center of opening. Install TRACE closure extension body over end piece and center over coupler. Install second end piece at opposite end of opening.

C Closure Only: Position TRAC closure body, as shown in Figure 2 to determine appropriate cut length.

AA Closure Only: Install TRAC closure body over end piece and coupler (Figure 4). Complete installation with Step B9.

Note: Multiple TRACE closure extension kits can be used in a similar manner to further extend the closure.

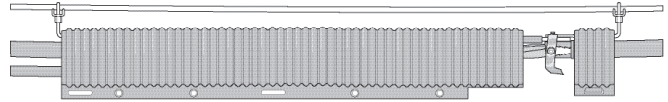


Figure 1

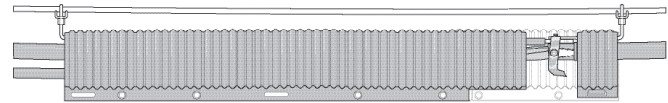


Figure 2

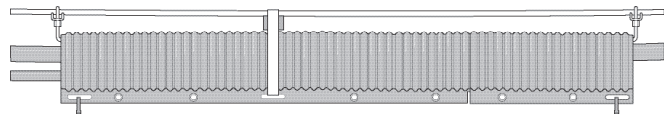


Figure 3

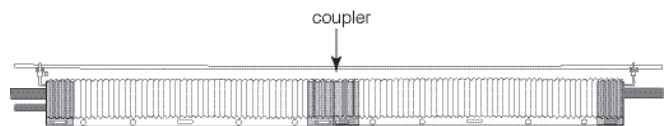


Figure 4

### Technical Assistance Center (TAC)

Tel.: 800.830.5056  
Email: TAC.Americas@commscope.com  
www.commscope.com

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