

# CORNING

## Cable Entry Kit for OSE-UD

P/N 003-1036-AEN  
Issue 2

### 1. General

This instruction describes the recommended procedure for installing a Cable Entry Kit (p/n OSE-CBL-L1, -L2, or -L3). Refer to Table 1 for kit part numbers.

A Cable Entry Kit includes the following:

- Metal cable entry bracket
- Heat-shrink tube

Contact your customer service representative to request assistance as needed.

### 2. Tools and Materials Required

- Heat-shrink gun
- 11/32-in nut driver or socket

### 3. Cable Installation

**Step 1:** Feed the cable through the heat-shrink tube before beginning the furcation process. Do not shrink the tube until the furcation process is complete.

**Step 2:** Once the furcation process is complete, slide the cable entry kit heat-shrink tube over the furcation body for central tube ribbon cables or to the end of the cable jacket for extreme-density cables. Then slide the bracket into the heat-shrink tube. Position the bracket so that it protrudes 3/8 in above the heat-shrink tube.

**Step 3:** Once the bracket is in position, shrink the tube using a heat gun.

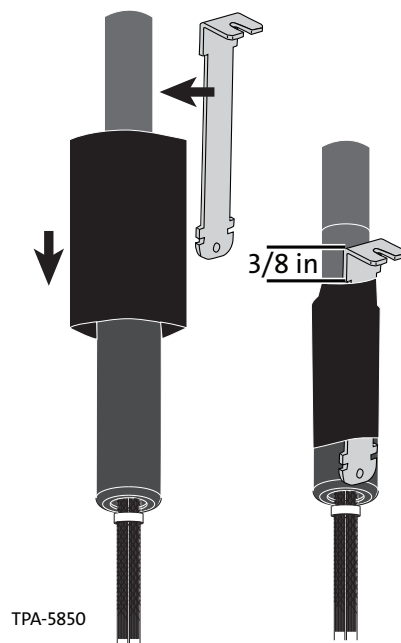


Figure 1

| Part Numbers | Cable Fiber Count | Heat-Shrink Tube (Reference)              | Field Furcation Kit (Reference)        | L-Bracket and Heat-Shrink Tube |
|--------------|-------------------|---|--|--------------------------------|
| OSE-CBL-L1   | <96 fibers        | 0.75-in expanded ID, 0.25-in recovered ID | N/A                                    | 14 mm max, 8 mm min            |
| OSE-CBL-L2   | 96 and 192 fibers | 1.00-in expanded ID, 0.32-in recovered ID | HFC-FURC-KIT-C                         | 23 mm max, 13 mm min           |
| OSE-CBL-L3   | 864 fibers        | 1.50-in expanded ID 0.51-in recovered ID  | HFC-FURC-KIT-A                         | 38 mm max, 23 mm min           |
| OSE-CBL-L3   | 1728 fibers       | 1.50-in expanded ID 0.51-in recovered ID  | HFC-FURC-KIT-E (1 each for 1728-fiber) | 38 mm max, 23 mm min           |
| OSE-CBL-L3   | 3456 fibers       | 1.50-in expanded ID 0.51-in recovered ID  | HFC-FURC-KIT-E (2 each for 3456-fiber) | 38 mm max, 23 mm min           |

Table 1: Cable Entry Kit Part Numbers

**Step 4:** Now that the bracket is installed on the cable furcation body, bring the top of the bracket up through the OSE-UD entry position, loosen the locking nut using the nut driver, and secure the bracket to the OSE by tightening the locking nut onto the bracket.

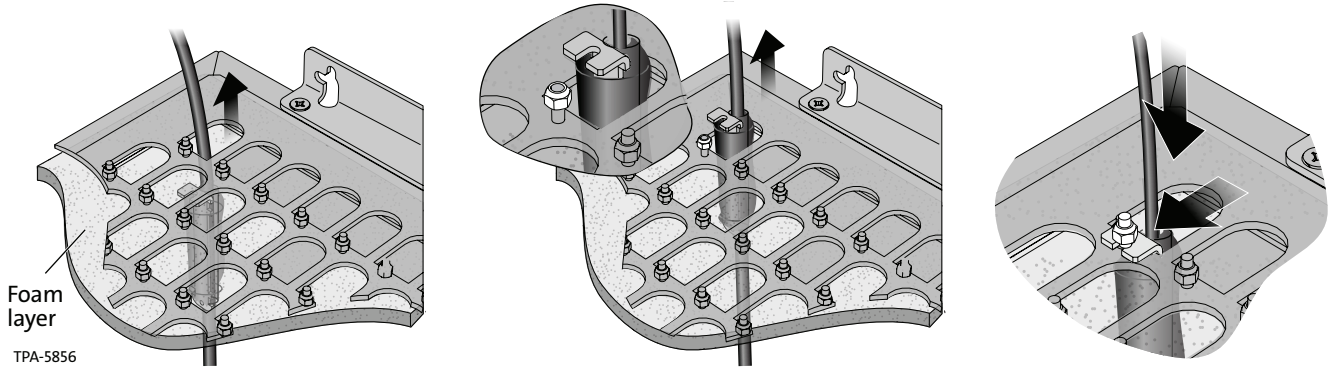


Figure 2