COYOTE® LCC (Low Count Closure)

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

NOMENCLATURE

1. Closure Cover (1)
2. Closure Base (1)
3. Small Parts Bag
4. Bobbin Kit
5. Grommets (2) per specification

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>COYOTE LCC &amp; COYOTE LCC Flame Retardant Closure Kits for Fiber*</th>
</tr>
</thead>
<tbody>
<tr>
<td>COYLCC-F001</td>
<td>For Single Fusion. Includes: (1) 7-Hole Grommet: Cat. #8003676 and (1) 12-Hole Grommet: Cat. #8003796</td>
</tr>
<tr>
<td>COYLCC-F002</td>
<td>For Single Fusion. Includes: (1) Bobbin Kit, (1) 7-Hole Grommet: Cat. #8003676, and (1) 12-Hole Grommet: Cat. #8003796</td>
</tr>
<tr>
<td>COYLCC-F003</td>
<td>For Ribbon. Includes: (2) 2-Hole Grommets: Cat. #8003663</td>
</tr>
<tr>
<td>COYLCC-F004</td>
<td>For Single Fusion. Includes: (2) 7-Hole Grommets: Cat. #8003676</td>
</tr>
<tr>
<td>COYLCC-F005</td>
<td>For Single Fusion. Includes: (2) 2-Hole Grommets: Cat. #8003663</td>
</tr>
<tr>
<td>COYLCC-F006</td>
<td>For Single Fusion. Includes: (2) 4-Hole Grommets: Cat. #8003664</td>
</tr>
<tr>
<td>COYLCC-F007</td>
<td>For Single Fusion. Includes: (1) 7-Hole Grommet: Cat. #8003676 and (1) 8-Hole Grommet: Cat. #8003677</td>
</tr>
<tr>
<td>COYLCC-F008</td>
<td>For Single Fusion. Includes: (1) 1-Hole Grommet: Cat. #8003691 and (1) 8-Hole Grommet: Cat. #8003677</td>
</tr>
<tr>
<td>COYLCC-F009</td>
<td>For Single Fusion. Includes: (2) 12-Hole Grommets: Cat. #8003796</td>
</tr>
<tr>
<td>COYLCC-F010</td>
<td>For Single Fusion. Includes: (1) Bobbin Kit, (1) 1-Hole Grommet: Cat. #8003691 and (1) 12-Hole Grommet: Cat. #8003796</td>
</tr>
</tbody>
</table>

All Fiber Kits Include: (2) Grommets, (3) LITE-GRIP® Splice Blocks, (1) Splice Platform, (1) Dual Strength Member Bracket, (1) L Bracket, Fiber Management Clips and Misc. Hardware  *For the COYOTE LCC Flame Retardant catalog numbers, insert “Fr” into the catalog number code. Ex.: COYLCCFR-F001

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>COYOTE LCC for Fiber Copper</th>
</tr>
</thead>
<tbody>
<tr>
<td>COYLCC-C001</td>
<td>For Copper. Includes: (2) 1-Hole Grommets: Cat. #8003691</td>
</tr>
<tr>
<td>COYLCC-C002</td>
<td>For Copper. Includes: (2) 1-Hole Grommets: Cat. #8003692</td>
</tr>
<tr>
<td>COYLCC-C003</td>
<td>For Copper. Includes: (2) 1-Hole Grommets: Cat. #8003693</td>
</tr>
<tr>
<td>COYLCC-C004</td>
<td>For Copper. Includes: (1) 1-Hole Grommet: Cat. #8003691 and (1) 2-Hole Grommet: Cat. #8003663</td>
</tr>
<tr>
<td>COYLCC-C005</td>
<td>For Copper. Includes: (2) 4-Hole Grommets: Cat. #8003664</td>
</tr>
</tbody>
</table>

All Copper Kits Include: (2) Grommets, (2) MINI-MORAY™ Shield Connectors and (1) Bonding Strap

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>COYOTE LCC Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>80808633</td>
<td>Strength Member Bobbin Kit</td>
</tr>
<tr>
<td>80809851</td>
<td>Dual Strength Member Bracket Kit</td>
</tr>
<tr>
<td>8003843</td>
<td>Strength Member “L” Bracket Kit</td>
</tr>
<tr>
<td>8003793</td>
<td>Splice Platform Kit for Single Fusion - includes 3 splice blocks</td>
</tr>
<tr>
<td>8003794</td>
<td>Splice Platform Kit for Ribbon - includes 3 splice blocks</td>
</tr>
<tr>
<td>See Mounting Options, Step 42 thru 50.</td>
<td></td>
</tr>
</tbody>
</table>

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**Step #1** Remove cover from base.

**Step #2** Measure cable to determine diameter and select the proper grommet.

### COYOTE Grommet Chart

<table>
<thead>
<tr>
<th>PLP Catalog Number</th>
<th>Cable Range Inches (mm)</th>
<th>Description</th>
<th>Splitting Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8003691</td>
<td>.42 - .60 (11 - 15)</td>
<td>1-entry grommet</td>
<td></td>
</tr>
<tr>
<td>8003692</td>
<td>.60 - .85 (15 - 22)</td>
<td>1-entry grommet</td>
<td></td>
</tr>
<tr>
<td>8003693</td>
<td>.85 - 1.0 (22 - 25)</td>
<td>1-entry grommet</td>
<td></td>
</tr>
<tr>
<td>8003663</td>
<td>.42 - .60 (11 - 15)</td>
<td>2-entry grommet</td>
<td></td>
</tr>
<tr>
<td>8003664</td>
<td>.30 - .43 (8 - 11)</td>
<td>4-entry grommet</td>
<td></td>
</tr>
<tr>
<td>8003990</td>
<td>.50 - .60 (12.7 - 15.2)</td>
<td>4-entry grommet</td>
<td></td>
</tr>
<tr>
<td></td>
<td>.125 - .25 (3.2 - 6.4)</td>
<td>and flat drop</td>
<td></td>
</tr>
<tr>
<td>8003989</td>
<td>Flat Drop Only</td>
<td>4-entry grommet</td>
<td></td>
</tr>
<tr>
<td>8003665</td>
<td>.125 - .25 (3 - 6)</td>
<td>6-entry grommet</td>
<td></td>
</tr>
<tr>
<td>8003676</td>
<td>.42 - .60 (11 - 15)</td>
<td>7-entry grommet</td>
<td></td>
</tr>
<tr>
<td></td>
<td>.125 - .25 (3 - 6)</td>
<td>8-entry grommet</td>
<td></td>
</tr>
<tr>
<td>8003677</td>
<td>.125 - .25 (3 - 6)</td>
<td>12-entry grommet</td>
<td></td>
</tr>
<tr>
<td>8003796</td>
<td>.125 - .25 (3 - 6)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** Grommet Kit contains (1) Grommet, (1) Cable Measure Tape, (2) Silicone Lubricant Packs, (1) Set of Plugs and (1) Glove
**Step #3** Insert cable(s) through grommet.

**Step #4** Remove the cable sheath per your accepted company practices. Leave 3" (76 mm) of the strength member to trim later.

**Configuration** | **Sheath Opening**
--- | ---
Cut Cable | Min of 35" (889 mm)

**Step #5** For buffer tube applications, mark the buffer tube 3" (76 mm) from the cable sheath opening. For ribbon applications, mark the central tube 1" (25 mm) from the cable sheath opening. Remove buffer tube or central tube per your accepted company practices.

**Step #6** Mark and remove buffer tube at 2-1/4".

**Step #7** Align the strength member with the edge of the bracket (about 3/4") and trim.

**Step #8** Attach cap and thread on nut, securing strength member.

**Step #9** Screw bracket into the base.
**Cable Installation Using “L” Bracket**

**Step #10** Apply a small piece of blue felt to the edge of the “L” bracket facing the splice platform.

![Image of a small piece of blue felt applied to an “L” bracket]

**Step #11** Install “L” Bracket into the base of the closure with a screw.

![Image of an “L” bracket being installed into a closure base]

**Step #12** Apply a thin layer of silicone lubricant to the outer surface of the grommet.

![Image of silicone lubricant being applied to a grommet]

**Step #13** Insert grommet into closure base and insert strength member of cable through the slot of the “L” bracket.

![Image of a grommet being inserted into a closure base]

**Step #14** Crimp “L” bracket with side cutters to secure strength member.

![Image of a “L” bracket being crimped with side cutters]

**Step #15** Trim strength member flush with edge of “L” bracket.

![Image of a strength member being trimmed flush with an “L” bracket]
Flat Drop Cable Installation Using Bobbin

Step #16  Trim strength members to 1".

1" (25 mm)

Step #17  Mark and remove buffer tube at 2-1/4".

Mark here

Step #18  Insert flat drop cables through outside ports of grommet. Insert plugs into the inner ports.

Step #19  While cap is loose, insert all strength members under cap.

Step #20  Secure cable with hose clamp.

Step #21  Tighten cap.
**Step #22**
Apply a thin layer of silicone lubricant to the outer surface of grommet.

**Step #23**
Align leg of bobbin with the channel in base.

**Step #24**
Push down, making sure leg is fully seated in channel.

**Installation of Routing Clips**

**Step #25**
Push routing clip onto post in this orientation, as detailed below. There are 4 routing clips and 4 posts.

**Step #26**
Orientation after installation of all clips, shown below.

**Installation of Splice Tray**

**Step #27**
Squeeze both tabs of splice tray while pushing down and into place.
Step #28 Slide in yellow splice blocks from the side.

Routing for In-Line Splice Applications

Step #29 Route INCOMING fibers 1 through 6.

Step #30 Route INCOMING fibers 7 through 12.

Routing for Butt Splice Applications

Step #31 Route OUTGOING fibers 1 through 6.

Step #32 Route OUTGOING fibers 7 through 12.

Step #33 Route INCOMING fibers 1 through 6.

Step #34 Route INCOMING fibers 7 through 12.
**Step #35** Route OUTGOING fibers 1 through 6.

**Step #36** Route OUTGOING fibers 7 through 12.

**Step #37** Insert the 6 capture tabs into the channels.

**Step #38** Measure and mark pigtails. Remove the pigtail jacket and Kevlar® yarn beyond this mark.

**Step #39** Splice incoming and outgoing fibers to pigtails per your accepted company practice.

**Step #40** Route and connect incoming pigtails to adapters.

Kevlar® is a registered trademark of DuPont.
**Step #41** Route and connect outgoing pigtailes to adapters.

**Step #42** Install bulkhead into middle capture tab slots in the base.

**Step #43** Install connectors into adapters.

**Step #44** Apply a thin layer of silicone lubricant to all sealing surfaces of base and cover. Lubricate all sealing surfaces of both closure components.
**Step #45** Tighten the 8 bolts by hand using a can wrench or nut driver.

**Step #46** Cover and base surfaces will touch when fully assembled. Sealing surfaces will bulge out as material is compressed.

**Step #47** Pole/Wall Mount - Strapped Bracket Kit PN: 8003830
Loop strap through the slots.

**Step #48** Thread bolts through base only, attaching it to the mount. Then attach cover.

**Step #49** Pole/Wall Mount - Bolted Bracket Kit PN: 8003830
Secure bracket using bolts.
Step #50  COYOTE Universal Mounting Hanger Bracket for Aerial Applications for Strand Mount – PN: 8003832
For ADSS – PN: 8003835
Secure the hanger brackets to the back side of the tabs on the base using nuts and bolts.

Step #51  Attach and tighten cover to base.

Step #52  Secure the closure to the strand by tightening the bug nuts.

Step #53  COYOTE Universal Mounting Bracket for Hand Hole Applications.
Bracket Kit PN: 8003835
Secure the hanger brackets to the back side of the tabs on the base using nuts and bolts.

Step #54  Attach and tighten cover to base.

Step #55  Slide hanger brackets into the proper slots of the hand hole bracket and snap the hinged lid into place.
SAFETY CONSIDERATIONS

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 OR DEATH.**

Do not modify this product under any circumstances.

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

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

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

PREFORMED products are precision devices. To insure proper performance, they should be stored in cartons under cover and handled carefully.