COYOTE® DTC (Drop Termination Closure) Splice Tray Kit
For Expressed Buffer Tube Applications – 48 ct. Buffer Tube Cable or Less

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

1. DTC Splice Tray (1)
2. DTC Tray Support (1)
3. Single Stack LITE-GRIP® Splice Blocks (4)
4. Bag of Tie Wraps (1)
5. Felt Strip (1)

Tools Required
- Snips
- Fiber optic cable opening tools
- Flat head screwdriver

NOMENCLATURE

COYOTE DTC (Drop Termination Closure) Kit

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<tr>
<th>COYDTC-001</th>
<th>COYOTE DTC Closure Kit for Flat and Small Drop Cables: Cable Diameters of .125” – .25” (3.2 – 6.4 mm)</th>
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<tr>
<td>COYDTC-002</td>
<td>COYOTE DTC Closure Kit for Large and Round Cables: Cable Diameters of .25” – .37” (6.4 – 9.4 mm)</td>
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<td>COYDTC-003</td>
<td>COYOTE DTC Closure Kit for Large Round Shielded Drop Cables: Cable Diameters of .25” – .37” (6.4 – 9.4 mm)</td>
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Accessory Kits

| 80809960 | Hose Clamp Clip Kit – Includes (4) Small Hose Clamps and (4) Hose Clamp Retention Clips |
| 80811033 | Grommet Kit for Cables with Diameters .125” – .25” (3.2 – 6.3 mm) – Includes (4) grommets |
| 80811034 | Grommet Kit for Cables with Diameters .25” – .37” (6.3 – 9.4 mm) – Includes (4) grommets |
| 80811237 | Splice Tray Kit for DTC |
| COYGLC-C1-000 | COYOTE GLC Base with Flat Cover |

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**Base Preparation**

**Step #1** Install tray support into base.

Tabs without notch insert into slots in base

Tray support installed in base.

**Step #2** Determine cable entry locations for butt applications as shown below.

**Butt Applications**

Branch/Drop Cable In

Expressed Cable In

Expressed Cable Out

OR

Unused Cable Port

Branch/Drop Cable In

Expressed Cable Out

Expressed Cable In
Step #3  Determine cable entry locations for In-Line applications as shown below.

In-Line Applications

Expressed Cable Out   Unused Cable Port

Expressed Cable In   Branch/Drop Cable Out

OR

Expressed Cable Out   Unused Cable Port

Expressed Cable In   Branch/Drop Cable In

Step #4  Cut the edges of tab.

Remove the selected tab.

Step #5  Measure and remove sheath for mid sheath applications (express/balloon/ring cut) – 48 ct. buffer tube cable or less as shown below.

Butt Applications = 42” (1.1 m)  
In-Line Applications = 50” (1.3 m)

IMPORTANT NOTE: A maximum of 3 buffer tubes can be expressed in the COYOTE® DTC with Splice Tray.
Step #6 Trim the strength member of the cable.

Step #7 Secure the cable to the hose clamp retention clip with the hose clamp as shown below.

Head of hose clamp must be positioned on top of cable.

Align retention clip with cable sheath opening.

For Sumitomo PureFit™ 36 ct. Flat Buffer Tube Cable:

Head of hose clamp must be positioned on flat side of cable.

Align retention clip with cable sheath opening.

Step #8 Select the proper grommet size.

For Flat Drop Cables or Round Cable diameters .125" to .250" (3.2 - 6.4 mm)

For Round Cable diameters .250" to .370" (6.4 - 9.4 mm)

For Sumitomo PureFit™ 36 ct. Flat Buffer Tube Cable

Step #9 Slit grommets for express/balloon/ring cut cables as shown below.

Grommet must be slit at the center line of the hole on the side of the grommet.

NOTE: Grommet C is provided pre-slit.

PureFit™ is a registered trademark of Sumitomo Electric Lightwave.
Step #10 Install slit grommets over express/balloon/ring cut cable.

Step #11 Position grommet 1/16" (2 mm) from the end of the hose clamp retention clip.

Step #12 Cut buffer tube at the marked location as shown below.

Step #13 Measure buffer tube 10.5" (267 mm) from the sheath opening and remove buffer tube beyond marked location.

Step #14 Lubricate all four sides of each split grommet with the silicone lubricant.
**Branch/Drop Cable Preparation**

**Step #15** Insert the cable strength member behind the tab of the tray support. Insert the back of the hose clamp retention clip in the retention clip slot of the base while inserting the grommet in the grommet pocket.

**Step #16** Select the proper grommet size.

- **For Flat Drop Cables or Round Cable diameters .125" to .250" (3.2 -6.4 mm)**

- **For Round Cable diameters .250" to .370" (6.4 -9.4 mm)**

**Step #17** Insert branch/drop cables in grommets as shown below.

**Step #18** Measure and remove sheath for cut applications (Branch/Drop).

Butt Applications = 50" (1.3 m)
In-Line Applications = 42" (1.1 m)
Step #19 Trim the cable strength members as close to the cable sheath opening as possible.

Step #20 Position the grommet 1/2" (13 mm) from the sheath opening.

Step #21 Measure the buffer tube from the sheath opening as shown below and remove the buffer tube beyond the marked location.

Step #22 Lubricate all four sides of the grommet with the silicone lubricant.

Step #23 Insert the grommet into the grommet pocket of the base.

Step #24 Insert the cable retention clip into the retention clip pocket and push the clip onto the cable.

PLP Tip: Use a can wrench to push down the cable retention clip into the pocket.
Installing the Grommet in the Unused Cable Port

Step #27 Install the plug(s) in the grommet.

NOTE: Cut plug(s) flush to grommet with side cutters when the plug will be installed in an unused cable port with a tab.

Step #28 Lubricate all four sides of grommet with the silicone lubricant.

Step #29 Insert the grommet in unused port.

Installing the Round Cable in the Base

Step #25 Secure the cable to the hose clamp retention clip with the hose clamp as shown.

Head of hose clamp must be positioned on top of cable.

Align the retention clip with the cable sheath opening.

Step #26 Insert the back of the hose clamp clip in the retention clip slot while inserting the grommet in the grommet pocket.

Retention Clip Slot

Installing the Round Cable in the Base

Step #25 Secure the cable to the hose clamp retention clip with the hose clamp as shown.

Head of hose clamp must be positioned on top of cable.

Align the retention clip with the cable sheath opening.

Step #26 Insert the back of the hose clamp clip in the retention clip slot while inserting the grommet in the grommet pocket.

Retention Clip Slot

Step #27 Install the plug(s) in the grommet.

NOTE: Cut plug(s) flush to grommet with side cutters when the plug will be installed in an unused cable port with a tab.
**Step #30**  Route buffer tube(s) from express/balloon/ring cut cable to splice tray.

**Butt or In-Line Applications**

- **Expressed Cable In**
- **OR**
- **Expressed Cable In**

**Step #31**  Route buffer tube(s) from branch/drop cable to splice tray.

**Butt Applications**

- **Branch/Drop Cable In**  **Unused Cable Port**
- **Expressed Cable In**  **Expressed Cable Out**
- **OR**
- **Unused Cable Port**  **Branch/Drop Cable In**
- **Expressed Cable Out**  **Expressed Cable In**
**Step #32** Route buffer tube(s) from branch/drop cable to splice tray.

**In-Line Applications**

<table>
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<tr>
<th>Expressed Cable In</th>
<th>Unused Cable Port</th>
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<tr>
<td>Branch/Drop Cable In</td>
<td>Expressed Cable Out</td>
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**Step #33** Place felt around buffer tubes as shown below.

**Step #34** Secure buffer tubes to splice tray with tie wraps as shown below.

**Step #35** Capture buffer tube under tab on bottom of splice tray as shown.

**Fiber Routing In Splice Tray**

**Step #36** Route incoming fiber.
**Step #37** Route outgoing fiber.

**Step #38** Splice per your accepted company practice.

**Step #39** Snap the cover on the base.

**Step #40** Check the engagement of tabs.

**Step #41** Insert the screwdriver into the slots.

**Step #42** Disengage the tabs. Apply light pressure to several tabs until the cover opens.
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. Be sure to wear proper safety equipment per your company protocol.

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

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