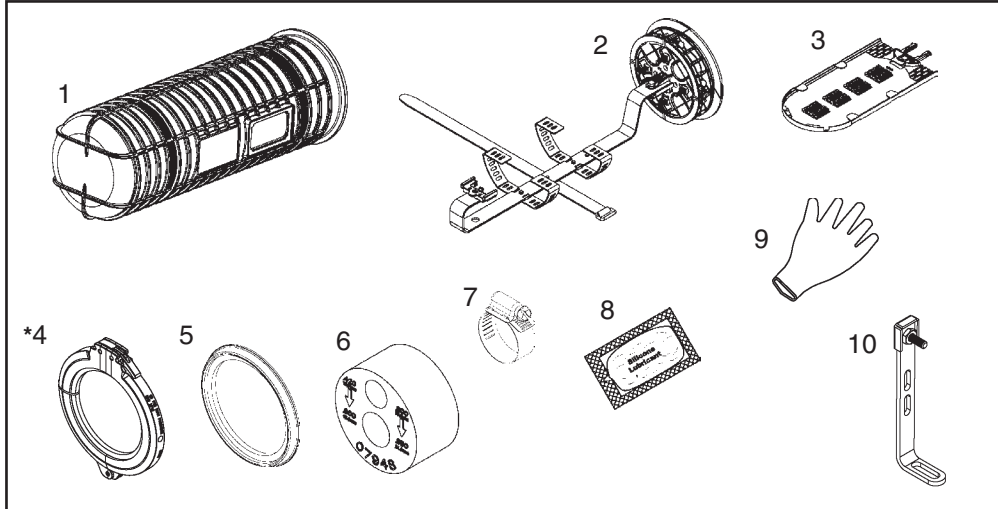




COYOTE® 6-1/2" x 22" Dome for Flip Trays

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



NOMENCLATURE

- 1. Dome cover (1)
- 2. Organizer with 4-port end plate assembly (1)
- 3. Splice Tray (1)
- 4. Dome collar (1)
- 5. Dome gasket (1)
- 6. Cable grommet (2)
- 7. Hose clamp (4)
- 8. Silicone lubricant (4-five gram packets)
- 9. Disposable glove (1)
- 10. Strength member bracket (4)

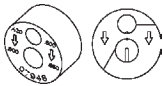

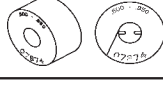





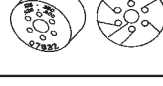


TOOLS REQUIRED

- 3/8" & 7/16" can wrench or socket
- 1/4" nut driver or screwdriver
- Snips
- Fiber optic cable opening tools

*Customer Selected Items

COYOTE 6.5" x 22" Dome Closure Kits	
Catalog Number	Description
800013115	COYOTE 6.5" x 22" Dome Closure for Buffer Tube Applications. Includes: (2) 2-Hole Grommets (.42 - .60" and .60 - .85"), (1) Buffer Tube Organizer Assembly with 4-Port End Plate Assembly, (1) Dome, (1) Collar Assembly, (1) Gasket, (1) Disposable Glove, (1) Silicone Lubricant Packet, (1) Silicone Lubricant Packet (2) Hex Head Cap Screws & (4) Hose Clamps
Catalog Number	Accessory Kits
80808456	COYOTE Dome End Plate Fixture
Catalog Number	Mounting Brackets
8003716	Aerial Mounting Bracket (End Plate Mount)
8003831	Aerial Mounting Bracket (Dome Mount)
8003833	Aerial Mounting Bracket for ADSS Applications (Dome Mount)
8003702	Pole/Wall Mounting Bracket
8003835	Universal Mounting Bracket Kit for Hand Hole Applications
8003707	Swing Arm for Hand Hole Applications

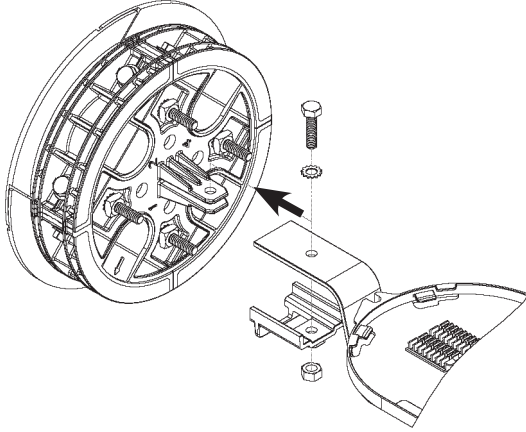
Splice Tray/Closure Capacity			
Catalog Number	Splice Type	Trays per Closure	Closure Splice Capacity
80809096	Single Fusion	6	192

COYOTE Grommet Chart For use in COYOTE Dome, In-Line RUNT, Terminal, Taut, LCC, & Aerial Drop Closures			
PLP Catalog Number	Cable Range Inches (mm)	Description	Splitting Location
8003701	.42 - .60 (11 - 15 mm) & .60 - .85 (15 - 22 mm)	2-entry grommet	
8003691	.42 - .60 (11 - 15 mm)	1-entry grommet	
8003692	.60 - .85 (15 - 22 mm)	1-entry grommet	
8003693	.85 - 1.0 (22 - 25 mm)	1-entry grommet	
8003694	1.0 - 1.25 (25 - 32 mm)	1-entry grommet	
8003663	.42 - .60 (11 - 15 mm)	2-entry grommet	
8003664	.30 - .43 (8 - 11 mm)	4-entry grommet	
8003665	.125 - .25 (3 - 6 mm) and flat drop cable	6-entry grommet	
8003676	.42 - .60 (11 - 15 mm), .125 - .25 (3 - 6 mm), and flat drop cable	7-entry grommet	
8003677	.125 - .25 (3 - 6 mm) and flat drop cable	8-entry grommet	
8003796	.320 - .190 (8 - 4.8 mm) flat drop cable only	12-entry grommet	

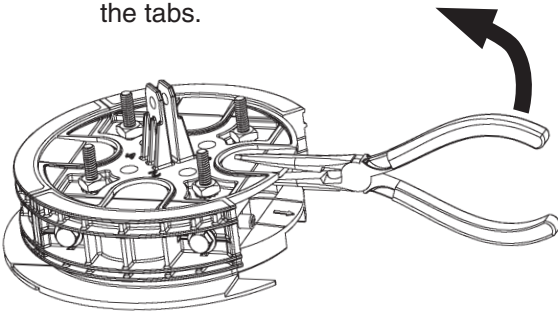
NOTE: Grommet Kit contains (1) Grommet, (1) Cable Measure Tape, (2) Silicone Lubricant Packs, (1) Set of Plugs (Multi-Entry Grommets only)

End Plate Preparation

Step #1a Remove end plate from organizer assembly.

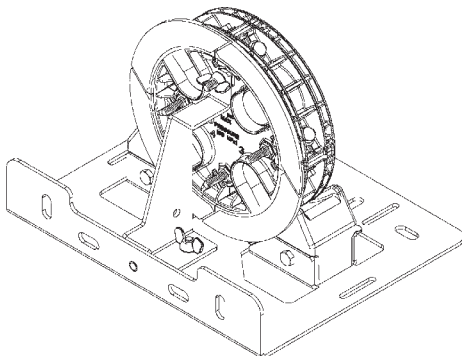


Step #1b Remove the end plate caps from the selected cable ports and break out the tabs.



PLP Tip:
Scoring edges of tabs with knife makes them break out easier.

Step #2 Optional Step
For better stability during cable installation and fiber splicing, install the end plate onto the COYOTE® Dome End Plate Fixture (see Steps 3a-b for installation details).



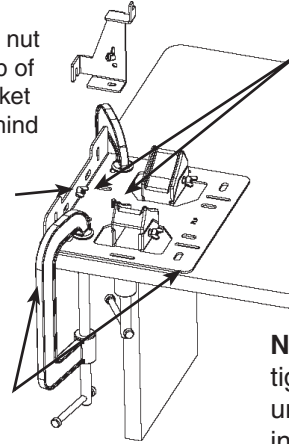
Step #3a Optional Step

Install support bracket onto base.

Loosen wing nut so slotted tab of support bracket can slide behind wing nut.

Position support bracket onto base and secure with wing nuts.

Base can be secured to work surface with either clamps or with bolts.

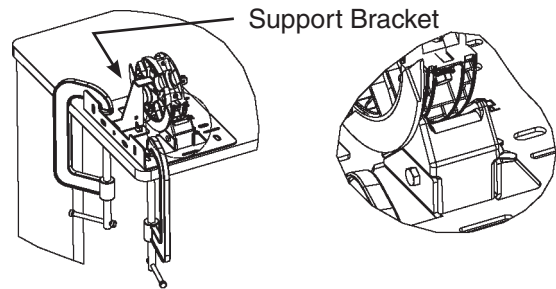


Note: Do not tighten wing nut until end plate is installed.

Step #3b Optional Step

Seat the end plate onto the cushion wedges and secure the support bracket to the stud of the end plate.

The outside surface of the end plate must rest against the support bracket.



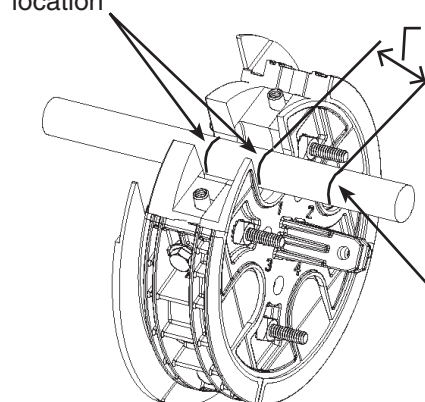
Hand tighten any loose wing nuts to secure end plate to fixture.

Step #4 Lay cable into entry point and mark for grommet and sheath opening locations.

Grommet location

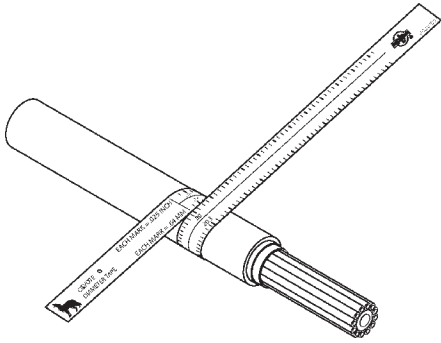
1.75" (45 mm)

Mark for sheath opening

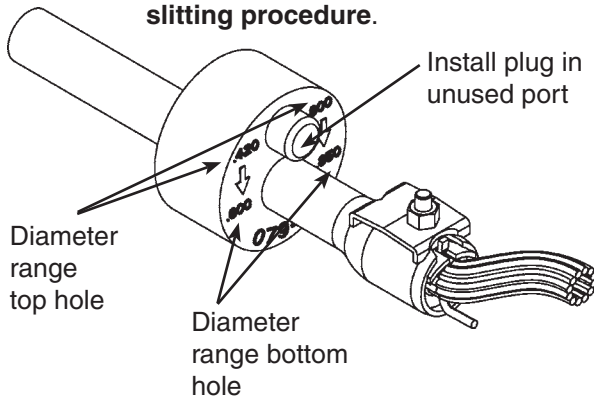


PLP Tip:
Hole in strength member bracket is a guide for sheath opening.

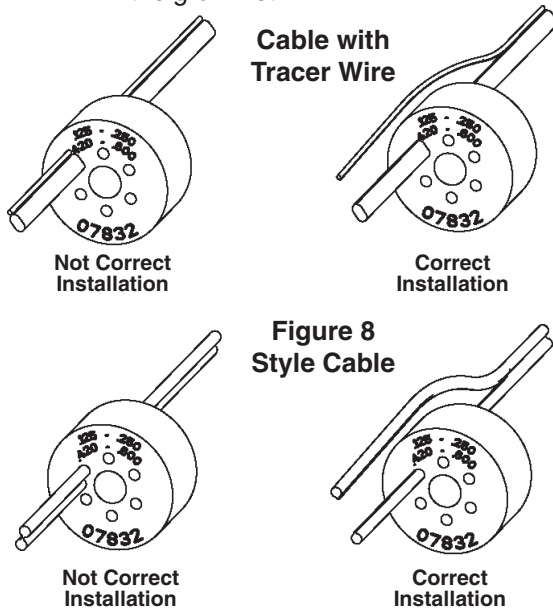
Step #5 Measure cable to determine diameter and hole location to use in grommet.



Step #6a If using cut cable, insert cable through grommet. If your application requires express/balloon/ring cut cables, see Step 7 for grommet slitting procedure.

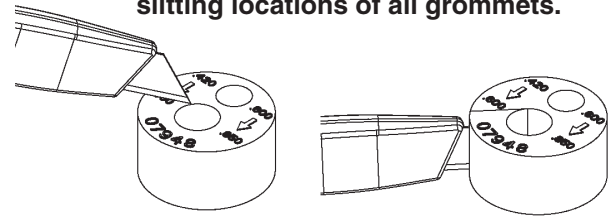


Step #6b **Installing Figure 8 Style Cables and Cables with Tracer Wires** – Remove tracer wire or ground wire from the portion of the cable that will be positioned in the grommet and insert the cable into the grommet.

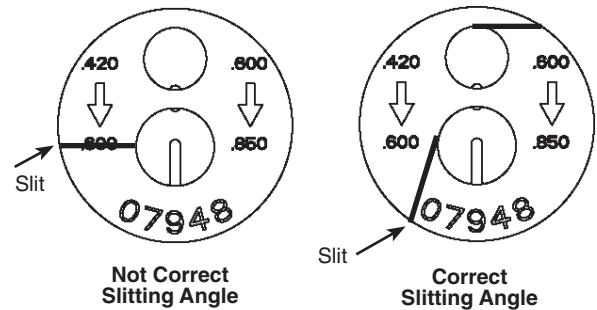


Step #7 Grommet Slitting – If slitting is required, lay grommet on a stable flat surface. Position utility knife with the cutting edge against the top surface and cut through grommet.

Consult grommet chart on page 3 for slitting locations of all grommets.

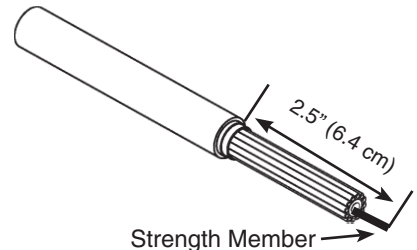


PLP Tip: Use a pen to sketch slitting lines on top surface of grommet prior to cutting.



Step #8a Trim strength members to length. Prepare cable(s) for cut applications.

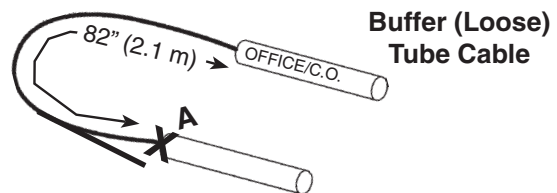
Buffer (Loose) Tube Cable



Minimum Sheath Opening for Cut Cable Applications

82"	2.1 m
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Step #8b Prepare cable(s) for mid sheath applications. (Express/Balloon/Ring Cut).

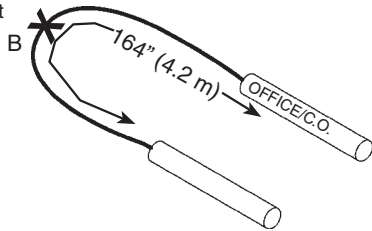


For Applications Where Fiber is Dedicated to the Splice Point

Sheath Opening	82" (2.1 m)
Fiber/Buffer Tube Cut Location	A (see image above)

Step #8c Prepare cable for expressed fiber (buffer tube window cut) applications.

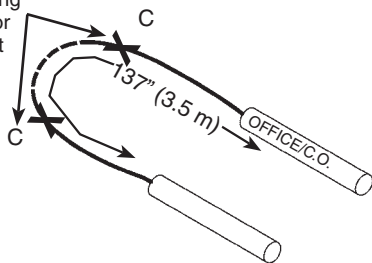
Buffer (Loose)
Tube Opening
Locations for
Window Cut



For Applications Where Fiber is NOT Dedicated to the Splice Point	
Sheath Opening	164" (4.2 m)
Fiber/Buffer Tube Cut Location	B (see image above)

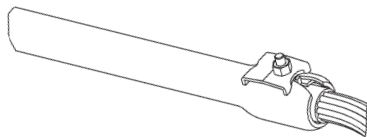
Step #8d Prepare cable for expressed fiber (buffer tube window cut) applications.

Buffer (Loose)
Tube Opening
Locations for
Window Cut



For Applications Where Fiber is Expressed through the Buffer Tube	
Sheath Opening	137" (3.5 m)
Fiber/Buffer Tube Opening Location	C (see image above)

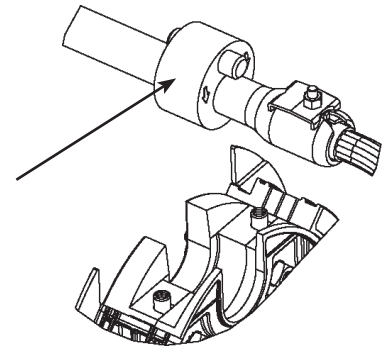
Step #9 If shielded cable is being used, install shield connector on shielded cables. **See Step #16 for recommended bonding practice.**



Follow standard company practices.

Step #10a Lubricate the outer surface of the grommet.

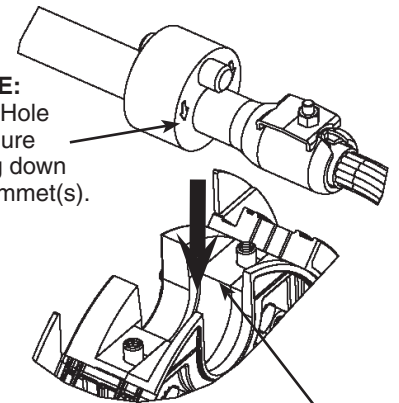
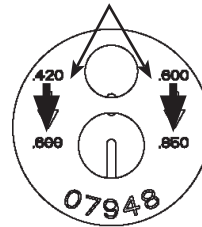
Lubricate sealing surface of grommet with silicone lubricant provided.



Step #10b Position grommet in end plate slot.

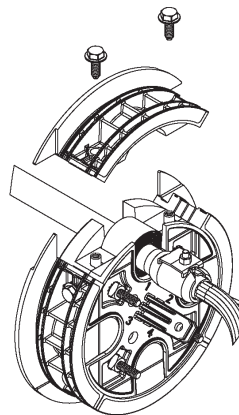
IMPORTANT NOTE:

For Wide Range 2-Hole Grommets, make sure arrows are pointing down when inserting grommet(s).



Do not align grommet slit with end plate seam.

Step #11 Install cable cap and secure with hex bolts. Tighten bolts by hand evenly until cable cap is fully seated. **(DO NOT USE POWER TOOLS TO TIGHTEN BOLTS).**



Important Note:

For Flame Retardant Domes, do not exceed 20 in-lbs of torque when tightening bolts.

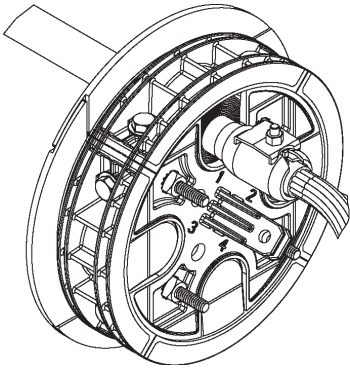
PLP Tip:

To start cable cap bolts, apply pressure with thumb and line up bolts with inserts. Engage 1 or 2 threads on one of the bolts. Repeat the process on opposite bolt. Alternate tightening until fully seated.

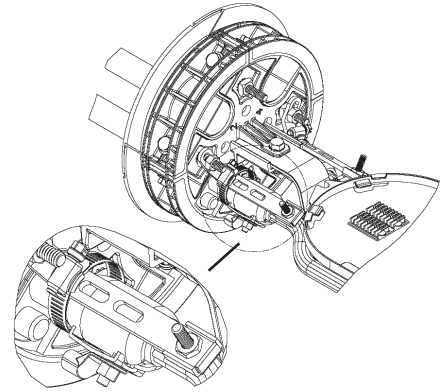
Important Note:

TIGHTEN ALL UNUSED CABLE CAPS.

Step #12 Complete end plate assembly.

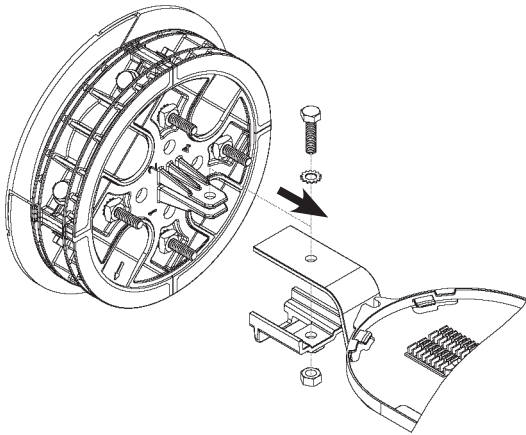


Step #15 Secure cable sheath with hose clamp.

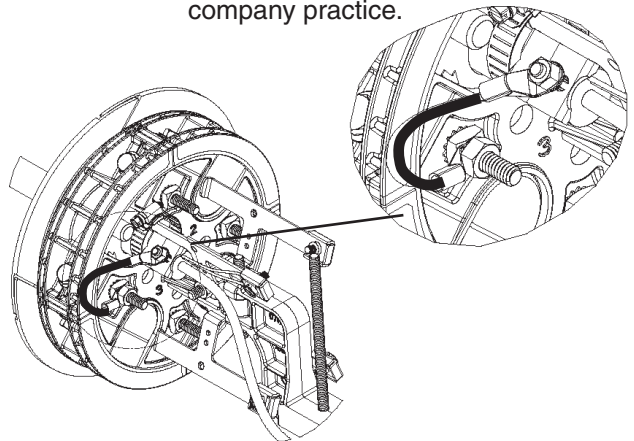


PLP Tip:
Avoid contact between hose clamp and shield connector to maintain isolation of each cable ground.

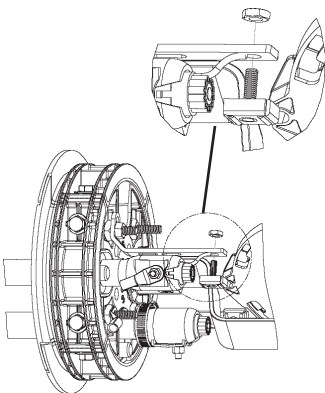
Step #13 Secure organizer assembly to end plate.



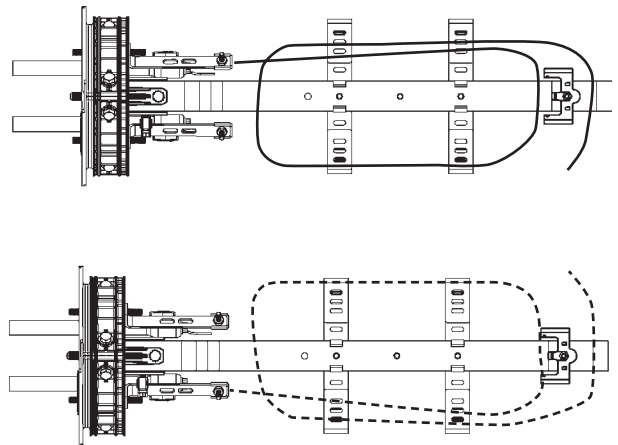
Step #16 Attach bonding device between the cable and ground stud in the end plate and ground per your accepted company practice.



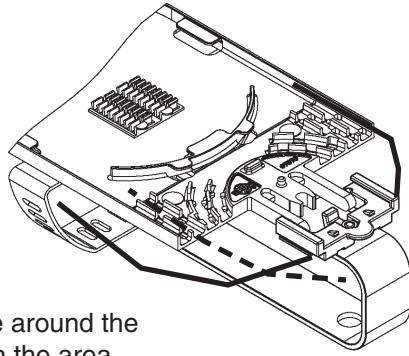
Step #14 Install strength member brackets to studs and secure with nuts. Trim cable strength member(s) even with the edge of the cable restraint bracket. Secure strength member(s) and **KEVLAR® under clip and tighten screw.



Step #17 Route and store buffer tubes in storage brackets.

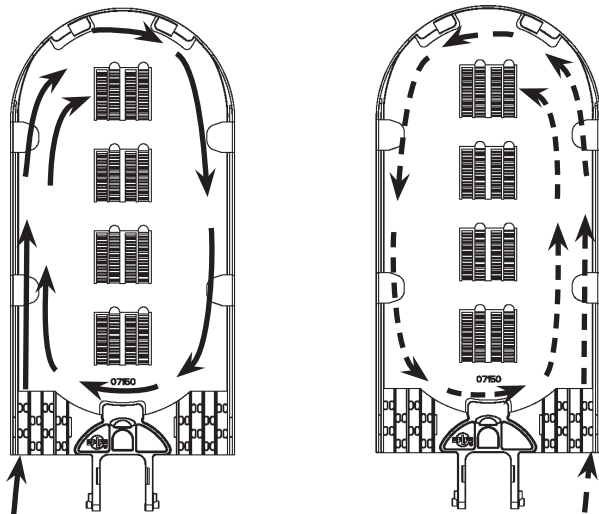


Step #18 Attach splice tray to organizer. Route buffer tubes to splice trays and secure.



Note:
Wrap felt tape around the buffer tubes in the area where they will be tied down to the splice tray.

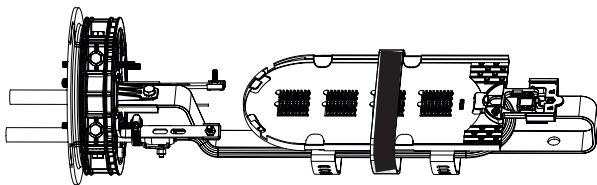
Step #19 Route incoming fibers and outgoing pigtails and splice per standard company practices.



INCOMING FIBER

OUTGOING FIBER

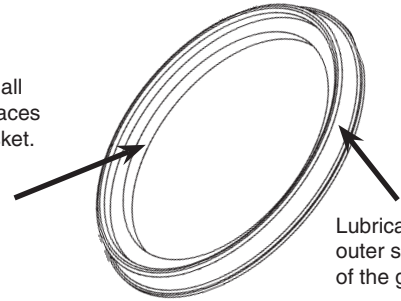
Step #20 Secure splice trays with strap.



Dome Preparation & Installation

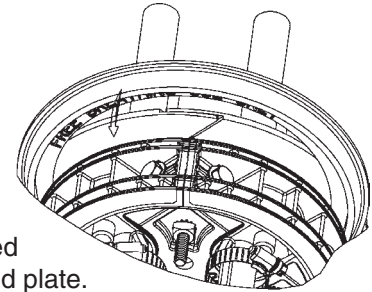
Step #21 Lubricate all surfaces around gasket with silicone lubricant to assure easy assembly and closure re-entry

Lubricate all inner surfaces of the gasket.



Lubricate all outer surfaces of the gasket.

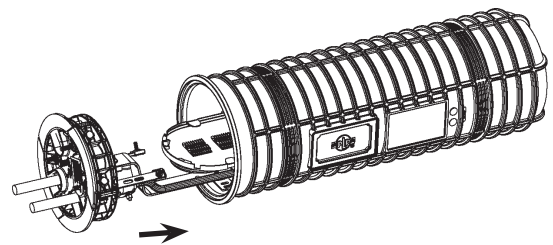
Step #22 Slide end plate gasket onto end plate and press into groove.



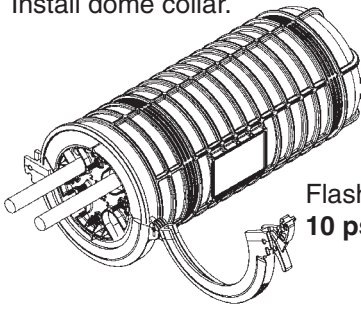
Note:
Make sure gasket is seated in groove of end plate.

Step #23 Re-tighten all cable cap bolts (step #11) to assure that the cable caps are fully seated.

Step #24 Position dome over end plate.



Step #25 Install dome collar.

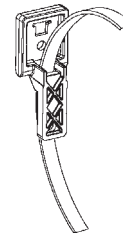


Flash test to
10 psi max.

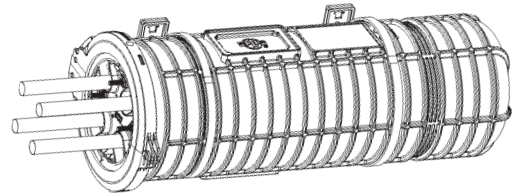
Optional Hardware for Mounting

Step #26 COYOTE Universal Mounting Bracket for Hand Hole Applications. The COYOTE Dome closure can be installed in a hand hole using the COYOTE Universal Mounting Bracket (Cat. No. 8003835). Secure the Universal Mounting Bracket to the inner wall of the hand hole using 2 screws. Next, insert banding (plastic or metal) through the slots of the hanger brackets (Step 1) and position the brackets in the banding channels of the dome. Tighten the banding until the brackets are secure (Step 2). Lastly, slide the hanger brackets into the proper slots of the Universal Mounting Bracket and snap the hinged lid into place to secure the hanger brackets (Step 3).

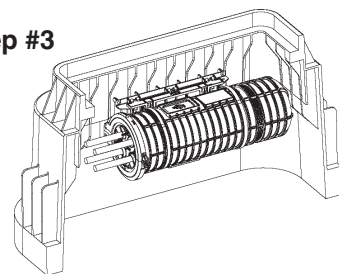
Step #1



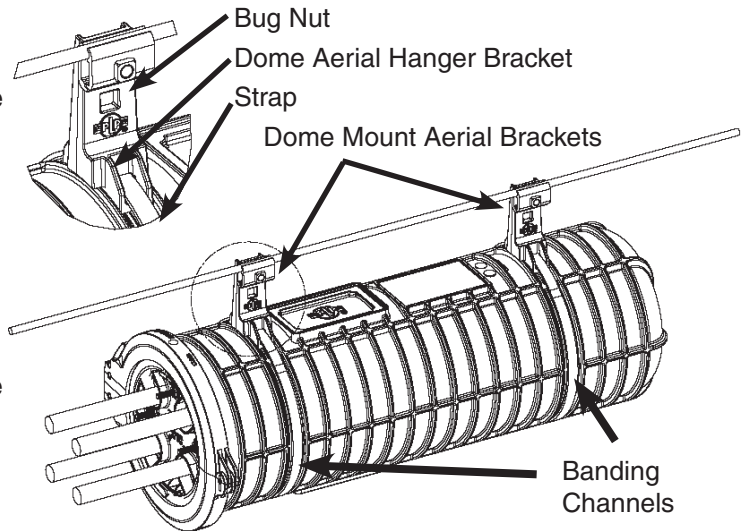
Step #2



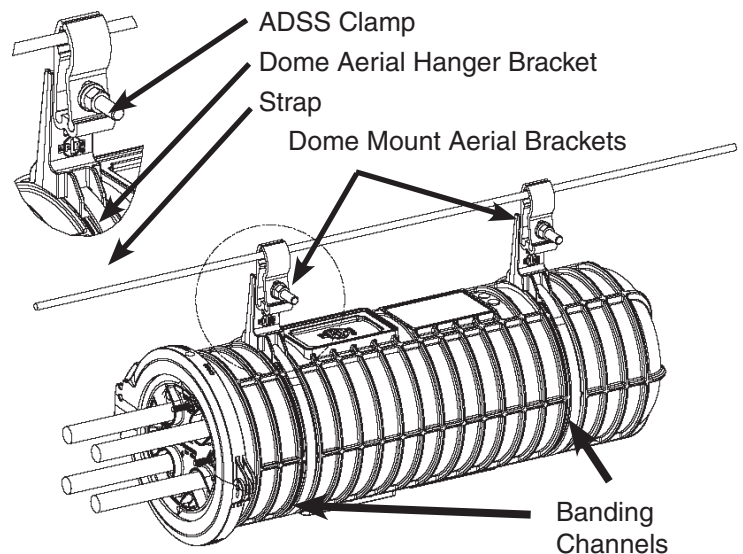
Step #3



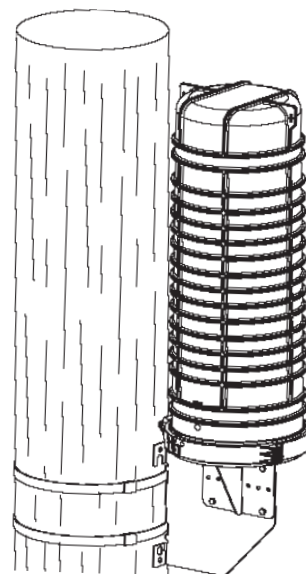
Step #27a Dome Aerial Mounting Bracket – Dome Mount – for 6.5” x 22” Dome Closures. The COYOTE Dome Mount Aerial Bracket Kit (Cat. No. 8003831) can be used to suspend the COYOTE Dome closure from the messenger wire. To install the dome, mount aerial brackets, position the brackets in the banding channels of the dome and insert banding (plastic or metal) through the slots of the brackets. Tighten the banding until the brackets are secure before mounting the closure to the messenger wire with the bug nuts of the brackets.



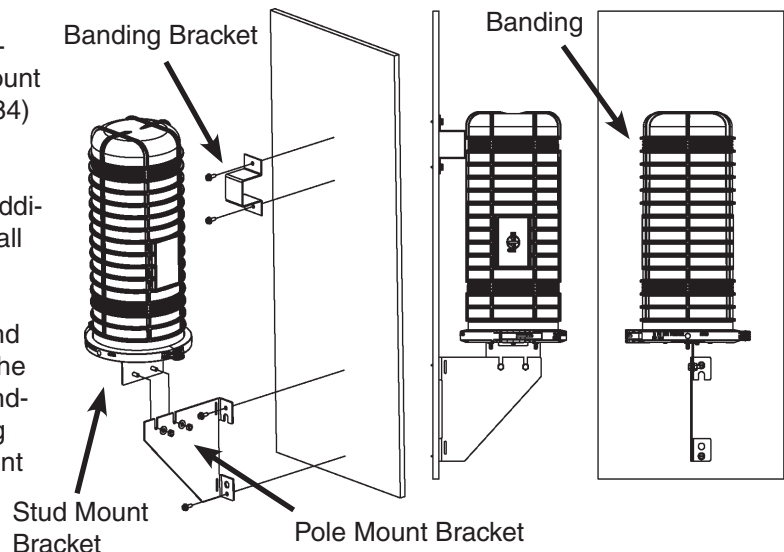
Step #27b 6.5”x 22” Dome Mount Aerial Bracket – Dome Mount – for ADSS. The COYOTE Dome Mount Aerial Bracket Kit for ADSS (Cat. No. 8003833) can be used to suspend the COYOTE 6.5”x 17” or 6.5” x 22” Dome closure from ADSS cable. To install the dome, mount aerial brackets, position the brackets in the banding channels of the dome and insert banding (plastic or metal) through the slots of the brackets. Tighten the banding until the brackets are secure before mounting the closure to the ADSS cable with the ADSS clamp.



Step #28a (For Standard 6.5” x 22” Domes) The COYOTE Dome Pole/Wall Mount Bracket (Cat. No. 8003702) can be used to secure the COYOTE Dome closure to wood, concrete, or steel poles. The COYOTE Dome Pole/Wall Mount Bracket can also be used in conjunction with the FIBERLIGN® Lattice Tower Clamp (Cat. No. 7000400) for lattice tower applications. Secure the stud mount bracket to the end plate studs of the dome and secure the stud mount bracket to the pole mount bracket. Attach the dome pole mount bracket to the pole with either 5/8” through bolts or 1/4” lag screws.



Step #28b (For Flame Retardant 6.5" x 22" Domes) When using a flame retardant dome closure, the Vertical Mount Stabilizer Bracket (Cat. No. 8003884) is needed to secure the COYOTE Flame Retardant Dome closure to wood, concrete, or steel poles in addition to the COYOTE Dome Pole/Wall Mount Bracket (Cat. No. 8003702). Secure the stud mount bracket to the end plate studs of the dome and secure the stud mount bracket to the pole mount bracket. Attach the banding bracket to the pole with 1/4" lag screws. Attach the dome pole mount bracket to the pole with either 5/8" through bolts or 1/4" lag screws. Secure the dome to the banding bracket using steel banding.



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.



PREFORMED LINE PRODUCTS

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