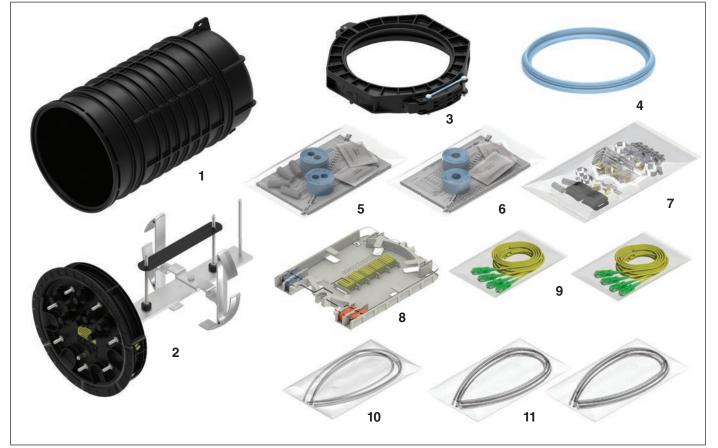


# COYOTE<sup>®</sup> 9.5" x 19" (292 mm x 509 mm) Terminal Dome Closure

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



### NOMENCLATURE

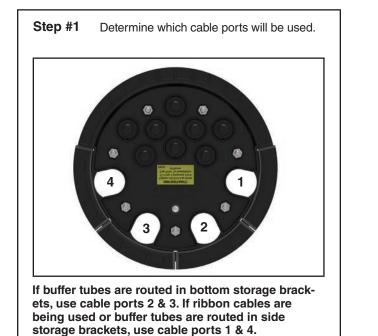
- 1. Dome (1)
- Hardened Adapter End Plate with 9.5" x 19" 2. Organizer (1)
- 3. Dome Collar (1)
- 4. Dome Gasket (1)
- 5. Grommet Kit (1) (0.42" 0.60" Cable Range)
- 6. Grommet Kit (1) (0.60" 0.85" Cable Range)
- 7.
- Small Parts Bag (1) LITE-GRIP<sup>®</sup> Short Splice Tray (1) 8.
- Pigtail Kit (0 or 1 or 2) 9.
- Transition Tubing Kit Ribbon Organizers ONLY (1) 10. Transport Tubing Kit - Ribbon Organizers ONLY (2) 11.
- TOOLS REQUIRED
- 3/8" & 7/16" can wrench or socket
- Snips
- Side cutters
- Fiber optic cable opening tools ٠
- 1/4" nut driver
  - Utility knife

COYOTE 9.5" x 19" Terminal Dome Closure Splice Tray Capacity Chart					
PLP Catalog Number	Description	Image	Splice Type	Max Trays per Closure	Closure Max Splice Capacity
80809958	Short Low Profile LITE-GRIP Splice Tray (24 ct)	R. Barnet	Single Fusion	With Buffer Tube Organizer - 12 With Ribbon Organizer - 6	With Buffer Tube Organizer - 288 With Ribbon Organizer - 144
80813152	Short Low Profile Splice Tray (36 ct)	a la	Single Fusion	With Buffer Tube Organizer - 12 With Ribbon Organizer - 6	With Buffer Tube Organizer - 432 With Ribbon Organizer - 216
80808945	Short Deep Profile LITE-GRIP Splice Tray (40 ct)	Carlo	Single Fusion	With Buffer Tube Organizer - 6 With Ribbon Organizer - 3	With Buffer Tube Organizer - 240 With Ribbon Organizer - 120
LGSTR144	Short Deep Profile LITE-GRIP Splice Tray (144 ct)		Mass Fusion/ Ribbon	With Buffer Tube Organizer - N/A With Ribbon Organizer - 3	With Buffer Tube Organizer - N/A With Ribbon Organizer - 432

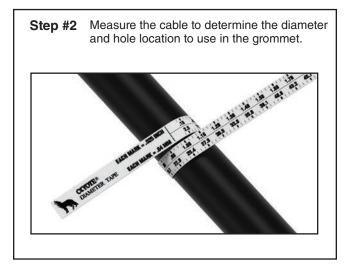
	COYOTE <sup>®</sup> Terminal Dome Closure 9.5" x 19" Closure Kits			
PLP Catalog Number	Description			
COYTD919B0-000	COYOTE 9.5" x 19" Terminal Dome Closure with 0 Hardened Adapters – Buffer Tube Applications			
COYTD919B2-000	COYOTE 9.5" x 19" Terminal Dome Closure with 2 Hardened Adapters – Buffer Tube Applications			
COYTD919B4-000	COYOTE 9.5" x 19" Terminal Dome Closure with 4 Hardened Adapters – Buffer Tube Applications			
COYTD919B6-000	COYOTE 9.5" x 19" Terminal Dome Closure with 6 Hardened Adapters – Buffer Tube Applications			
COYTD919B8-000	COYOTE 9.5" x 19" Terminal Dome Closure with 8 Hardened Adapters – Buffer Tube Applications			
COYTD919R0-000	COYOTE 9.5" x 19" Terminal Dome Closure with 0 Hardened Adapters – Ribbon Applications			
COYTD919R2-000	COYOTE 9.5" x 19" Terminal Dome Closure with 2 Hardened Adapters – Ribbon Applications			
COYTD919R4-000	COYOTE 9.5" x 19" Terminal Dome Closure with 4 Hardened Adapters – Ribbon Applications			
COYTD919R6-000	COYOTE 9.5" x 19" Terminal Dome Closure with 6 Hardened Adapters – Ribbon Applications			
COYTD919R8-000	COYOTE 9.5" x 19" Terminal Dome Closure with 8 Hardened Adapters – Ribbon Applications			
	COYOTE Terminal Dome Closure 9.5" x 19" Accessory Kits			
COYEPFIX1	End Plate Assembly Fixture for COYOTE Domes			
8004160	Heat Shrink Splice Protector Kit – Includes (50) 40 mm Mass Fusion			
8004095	Heat Shrink Splice Protector Kit – Includes (50) 40 mm Single Fusion			
8003717	Heat Shrink Splice Protector Kit – Includes (50) 60 mm Single Fusion			
80061477	9.5" End Plate Gasket and Latching Collar			
80809205	Strength Member Bracket Kit – Includes (2) Short L-Brackets			
800015236	Strength Member Bracket Kit – Includes (3) Long L-Brackets and (3) Hose Clamps			
80808651	Strength Member Bracket Kit – Includes (4) Long L-Brackets			
80808878	Large Strength Member Adapter Kit			
80811037	4-Port Cable Retention Bobbin Kit			
80811036	6-Port Drop Cable Retention Bobbin Kit			
80812928	6/8-Port Drop Cable Retention Bobbin Kit			
8003715	Hardened Adapter Kit with Installation Tool			
8004115	Bulk Pack of Hardened Adapters – Includes (10) Hardened Adapters			
8003724	Plug Kit with Installation Tool			
8004060	Bulk Plug Kit – Includes (10) Plugs			
80807972	Adapter Installation Tool			
	COYOTE Terminal Dome Closure 9.5" x 19" Mounting Brackets			
8003940	Aerial Mounting Bracket – Strand Applications			
8003941	Aerial Mounting Bracket – End Plate Mounting Applications			
8003869	Aerial Mounting Bracket – ADSS Applications			
8004037	Aerial Adjustable Offset Mounting Bracket – Strand Applications			
8004038	Aerial Adjustable Offset Mounting Bracket – ADSS Applications			
8003942	Pole/Wall Mounting Bracket			
8003835	Universal Mounting Bracket Kit for Handhole Applications			
8004003	Manhole Support Bracket			

	COYOTE <sup>®</sup> 9.5" x 19" Termi	nal Dome Closure Grom	met Chart	
PLP Catalog Number	Cable Range Inches (mm)	Description	Image	Slitting Location
8003691	.4060 (10.2 - 15.2 mm)	1-entry grommet	() () () () () () () () () () () () () (	
8003692	.6085 (15.2 - 21.6 mm)	1-entry grommet		
8003693	.85 - 1.00 (21.6 - 25.4 mm)	1-entry grommet		
8003694	1.00 - 1.25 (25.4 - 31.8 mm)	1-entry grommet		
8003663	.4260 (10.7 - 15.2 mm)	2-entry grommet	•••	69
8003664	.3043 (7.6 - 10.9 mm)	4-entry grommet		
8004065	.250312 (6.4 - 7.9 mm)	4-entry grommet		
8003990	.5060 (12.7 - 15.2 mm) .125250 (3.2 - 6.4 mm) and flat drop	4-entry grommet	•••	
8003665	.125250 (3.2 - 6.4 mm) and flat drop	6-entry grommet	(15-20 (	-
8003676	.4260 (10.7 - 15.2 mm) .125250 (3.2 - 6.4 mm) and flat drop	7-entry grommet		S.
8004094	.093"125" (2.4 - 3.2 mm)	8-entry grommet		
8003677	.125250 (3.2 - 6.4 mm) and flat drop	8-entry grommet	(15-200 (1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	N/A
8004122	RPX only	2-entry grommet	••	

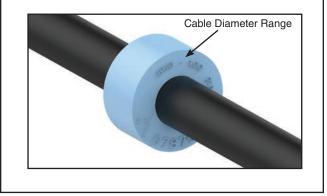
### **END PLATE PREPARATION**



## CABLE PREPARATION



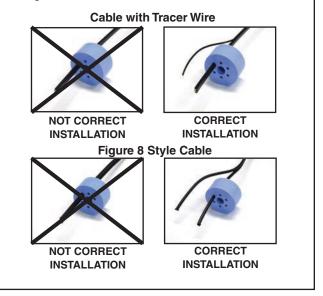
Step #3 If using cut cable, insert cable through grommet. If your application requires express/balloon/ring cut cables, see Step 5 for grommet slitting procedure.

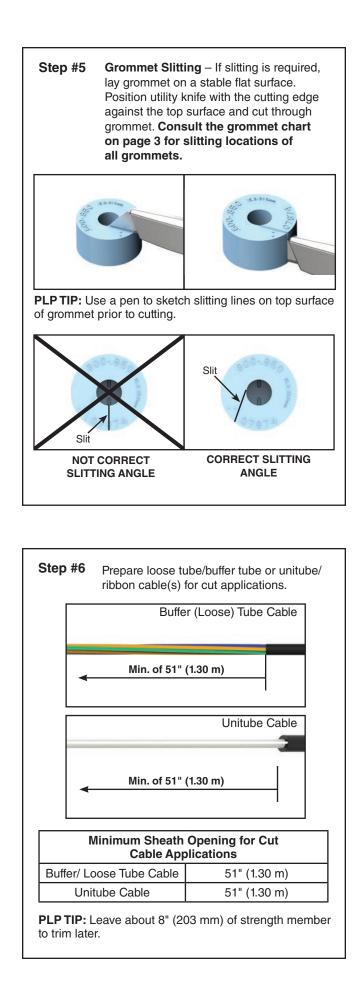


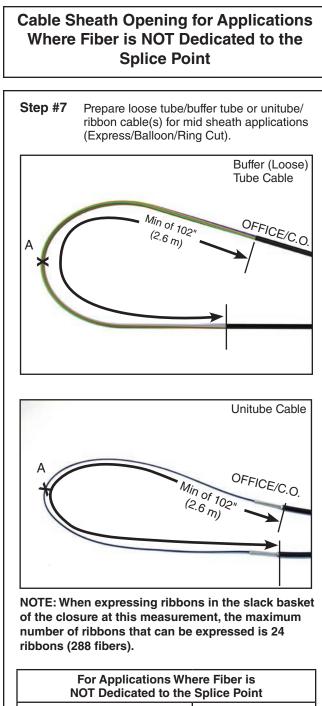
### Step #4 Installing Figure 8 Style Cables and Cables with Tracer Wires

Remove tracer wire or ground wire from the portion of the cable that will be positioned into the grommet and insert cable into grommet.

Remove any burrs left on the cable caused by separating the tracer wire from the sheath.



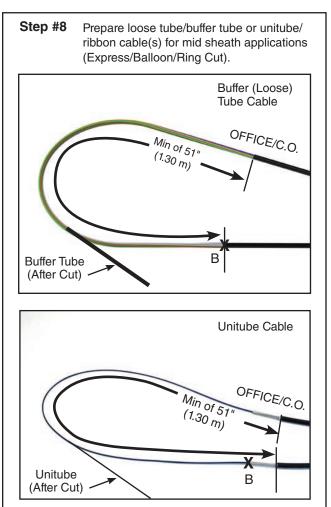




NOT Dedicated to the Splice Point			
Max. of 102" (2.6 m)			
A (see 1st image)			
A (see 2nd image)			

**PLP TIP:** Leave about 8" (203 mm) of strength member to trim later.

### Cable Sheath Opening for Applications Where Fiber is Dedicated to the Splice Point

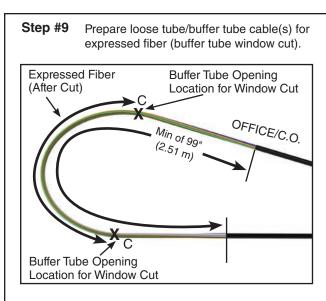


NOTE: When expressing ribbons in the slack basket of the closure at this measurement, the maximum number of ribbons that can be expressed is 24 ribbons (288 fibers).

For Applications Where Fiber is Dedicated to the Splice Point		
Sheath Opening	Min. of 51" (1.30 m)	
Buffer Tube Cable Cut Location	B (see 1st image)	
Unitube Cable Cut Location	B (see 2nd image)	

**PLP TIP:** Leave about 8" (203 mm) of strength member to trim later.

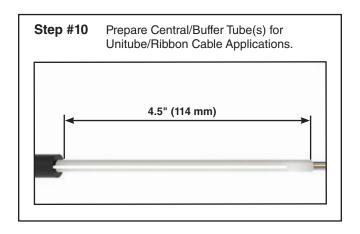
# Cable Sheath Opening for Window Cut Applications

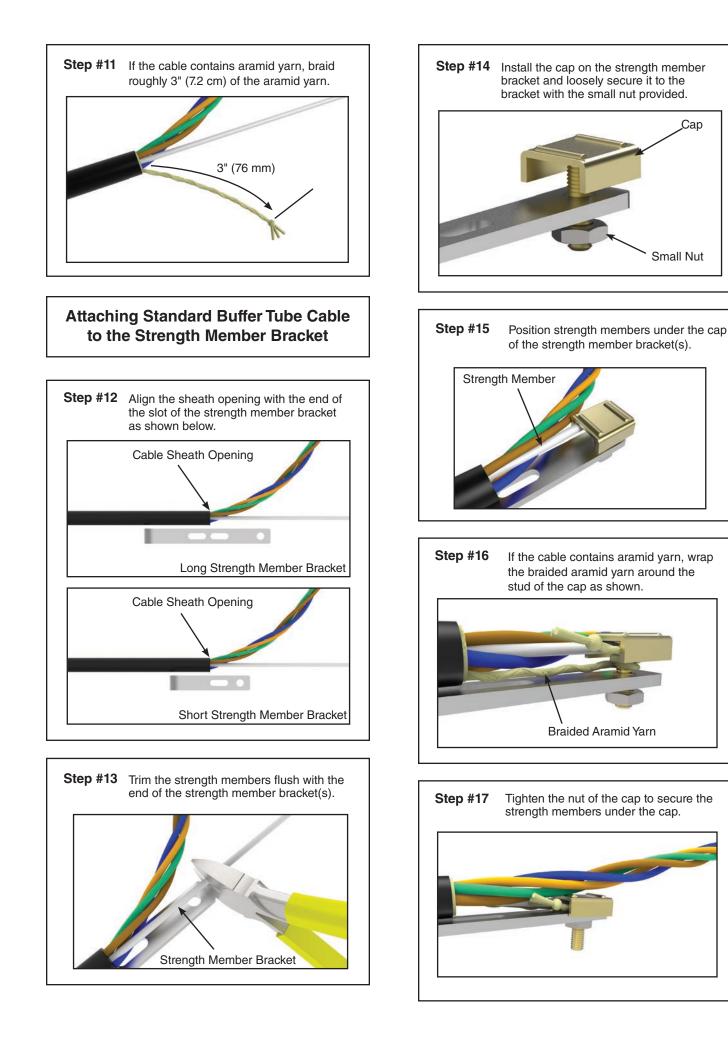


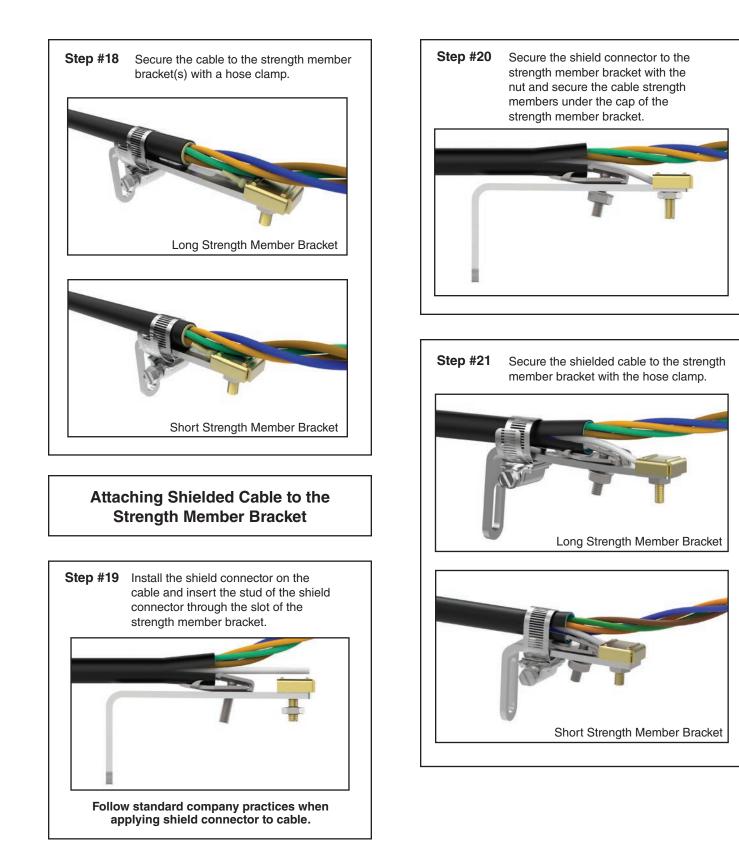
For Window Cut Applications			
Buffer Tube Length	23" (0.58 m)		
Expressed Fiber Length	53" (1.35 m)		
Sheath Opening	99" (2.51 m)		
Buffer Tube Opening Location	C (see image above)		
PLP TIP: Leave about 8" (203 mm) of strength member			

**PLP TIP:** Leave about 8" (203 mm) of strength member to trim later.

# Core Tube Opening for Unitube Cables

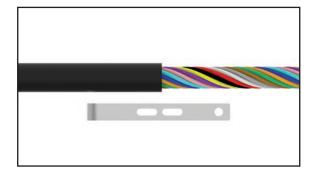


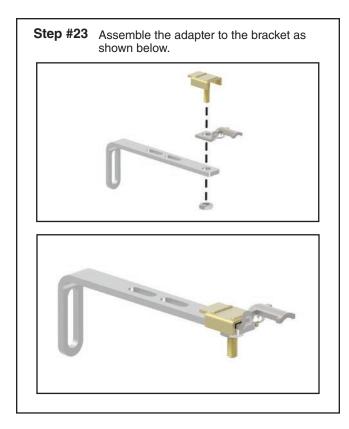


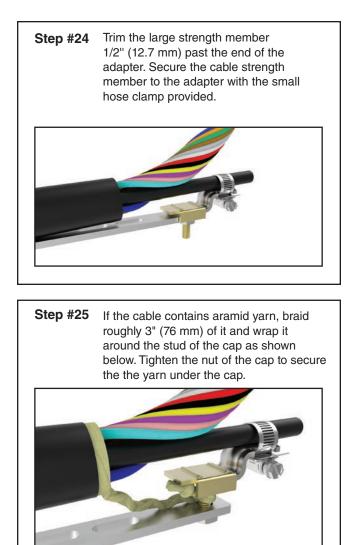


### Securing Cable with Large Central Strength Member to the Strength Member Bracket

Step #22 Align the sheath opening with the end of the slot of the strength member bracket as shown below.





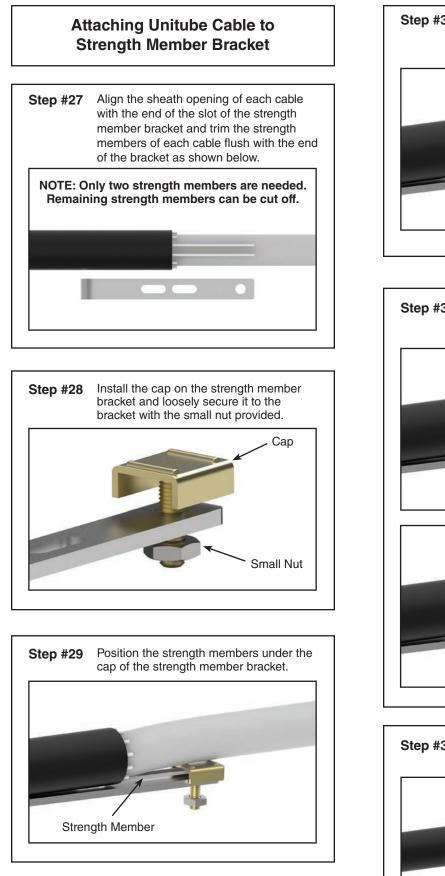


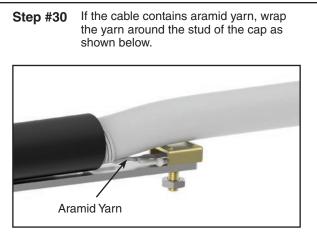


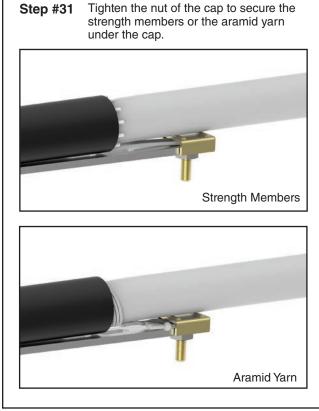
Step #26 Secure the ca bracket with t

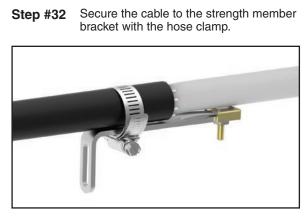
Secure the cable to the strength member bracket with the hose clamp provided.







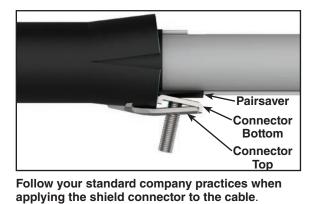




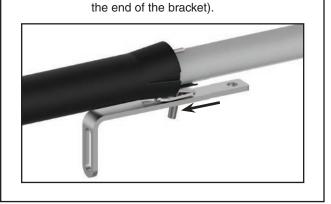
### Securing Armored Cable with Strength Members Embedded in the Cable Sheath to the Strength Member Bracket

Step #33 Cut off one set of strength members as close to the cable sheath opening as possible.

Step #34 Install the shield connector onto the cable as shown below. NOTE: PLP recommends using a 3M 4460-D/FO Fiber Optic Shield Connector (Catalog Number: 80803989) for shielded cable applications.



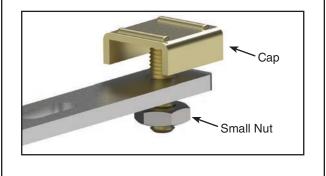
**Step #35** Insert the stud of the shield connector through the slot closest to the end of the strength member bracket and push the stud to the back of the slot (away from



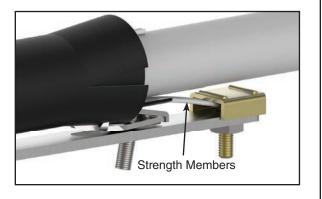
**Step #36** Trim the other set of strength members flush with the end of the strength member bracket.

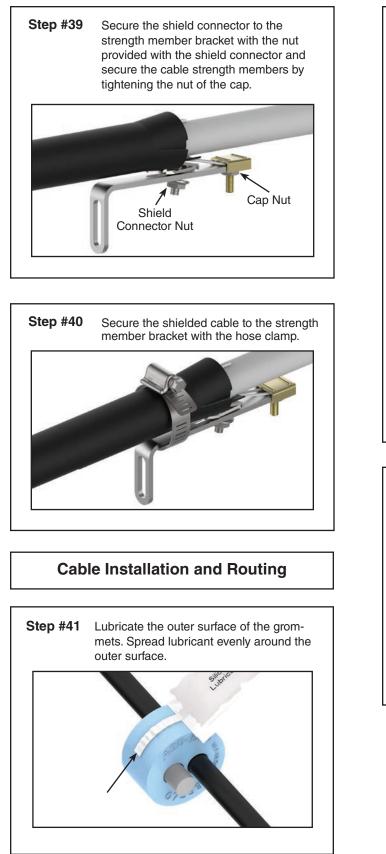


**Step #37** Install the cap on the strength member bracket and loosely secure it to the bracket with the small nut provided.



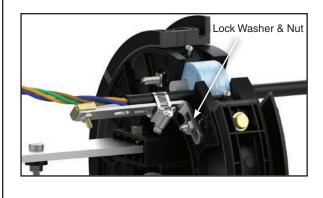
**Step #38** Re-insert the stud of the shield connector through the slot of the strength member bracket and capture the strength members of the cable under the cap of the bracket.







Step #44 Install the strength member bracket on the stud. Install the lock washer and nut against the bracket, but do not tighten fully, so the bracket can slide as the grommet is inserted.



**Step #45** Install grommets with plugs in any unused cable ports.



Step #46 Install the end caps and secure with hex bolts.



NOTE: Tighten bolts by hand evenly until end cap is fully seated (DO NOT USE POWER TOOLS TO TIGHTEN BOLTS).

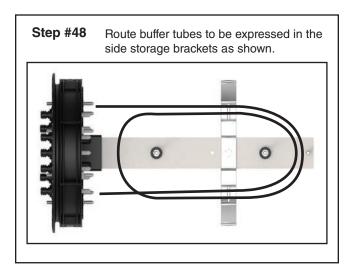
When using a can wrench or nut driver, the installed torque is 35 to 40 in-lbs.

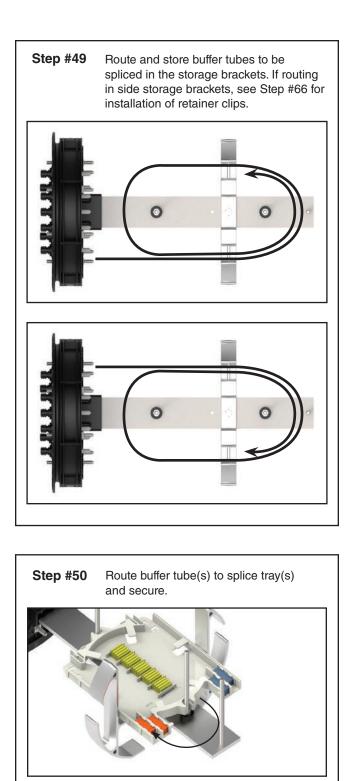
NOTE: TIGHTEN ALL UNUSED END CAPS.

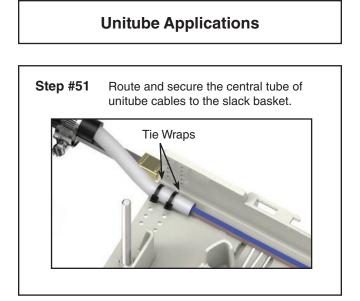
IMPORTANT: TIGHTEN DOWN THE STRENGTH MEMBER BRACKET AFTER THE CAPS ARE TIGHTENED.

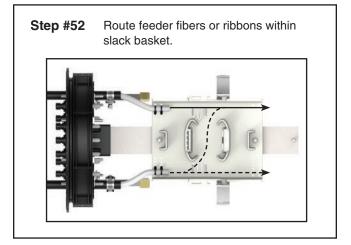


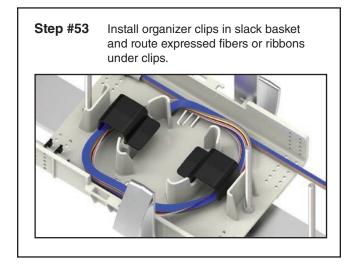
### **Buffer Tube Applications**

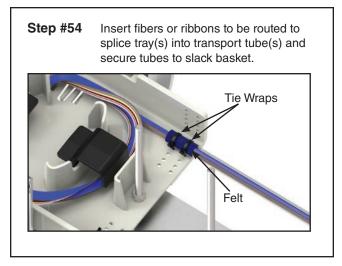


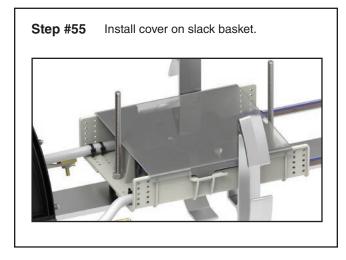


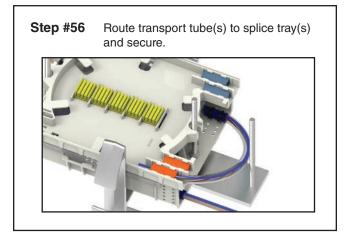




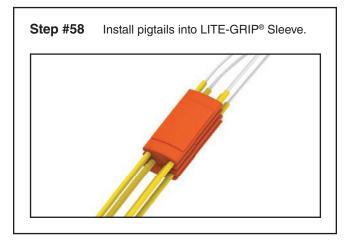


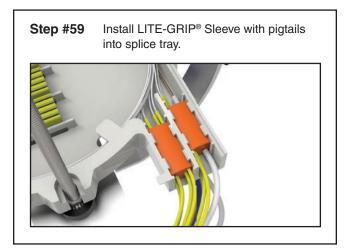


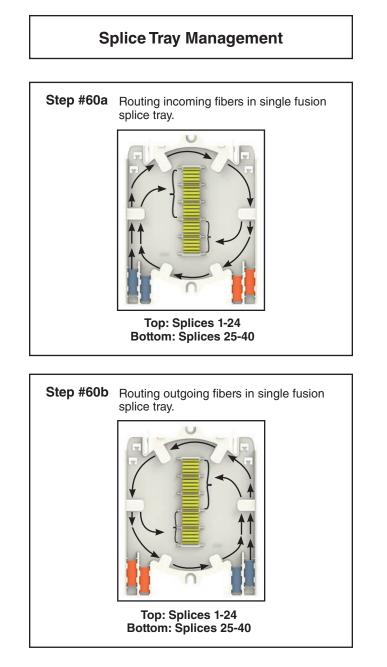




# Pigtail Assembly Installations Step #57 Measure and mark pigtail. Remove the pigtail jacket and aramid yarn beyond this mark. Image: Contract of the pigtail picket and the pic

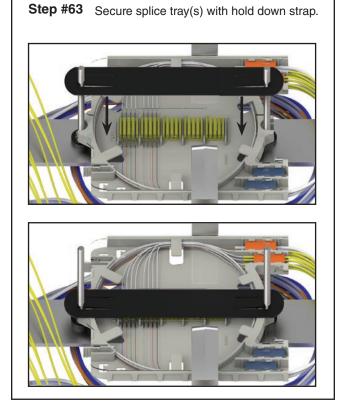




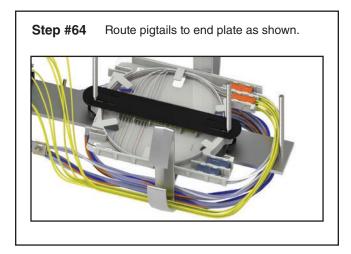




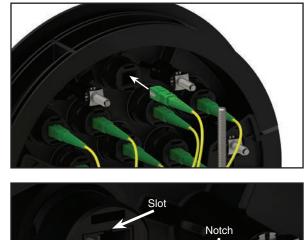
**Step #62** Splice incoming ribbons to outgoing ribbons per your accepted company practices.

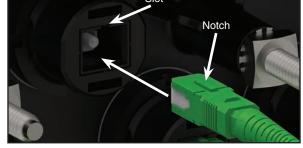


# **Pigtail Routing**

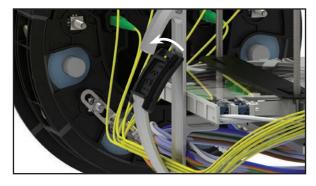


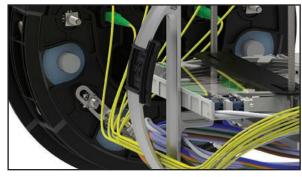
### Step #65 Install pigtail connectors into adapters. Fit the notch of the adapter into the slot of the port.

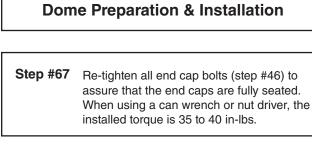


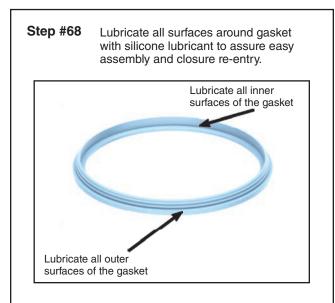


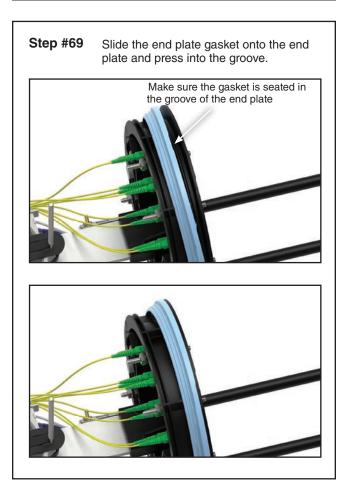
**Step #66** Secure the cables in the side storage brackets with the retainer clips. To install the retainer clip, position the bottom slot of the retainer clip onto the bottom portion of the side storage bracket. Tilt the retainer clip forward until the top portion of the side storage bracket snaps into the top slot of the retainer clip.











<image>

Step #71 Install the dome collar.

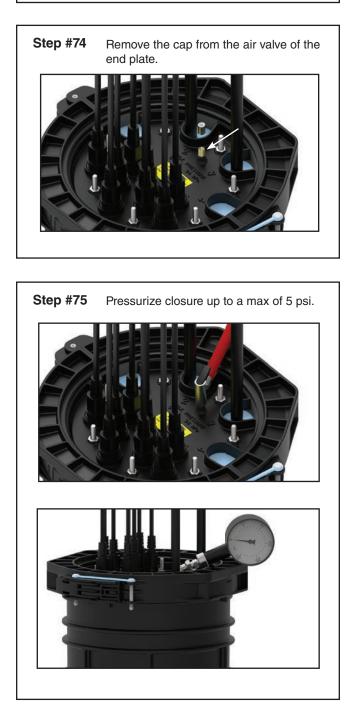


Make sure that the lip of dome is captured underneath the collar before securing the latch.





### **Flash Test Procedure**

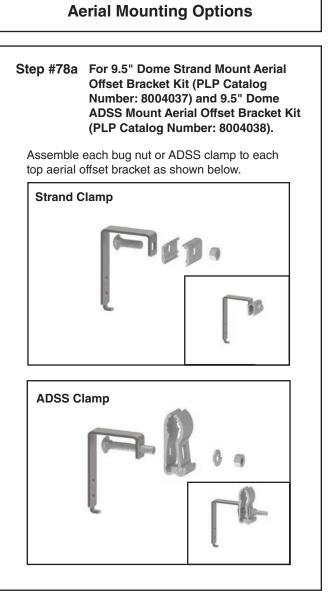


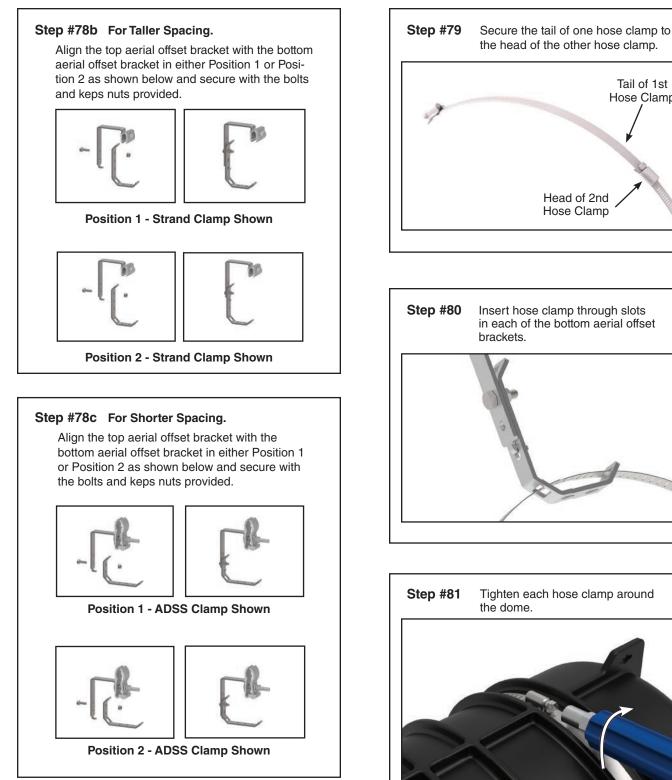
 Step #76
 Spray all the sealing surfaces of the dome end plate with a soap/water solution to determine if the end plate has been assembled properly.
 Aeria

 Step #78a
 For Other Property.

 Strand Class
 Strand Class





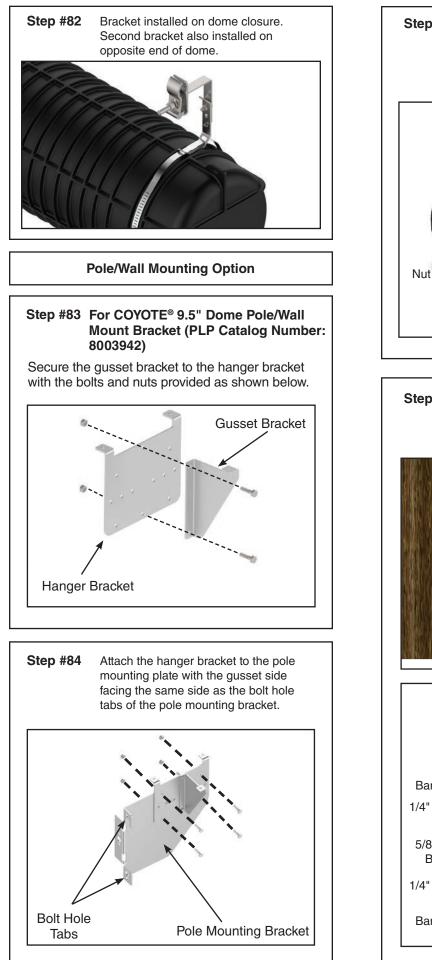


Head of 2nd Hose Clamp Insert hose clamp through slots in each of the bottom aerial offset brackets.

Tail of 1st

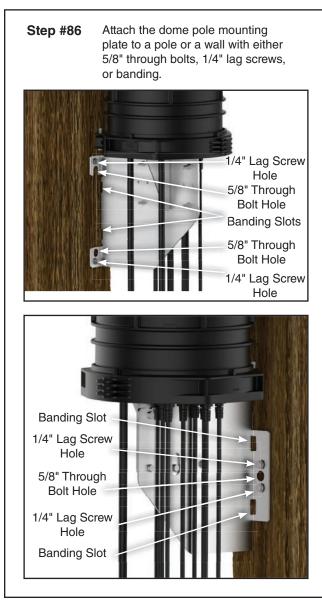
Hose Clamp

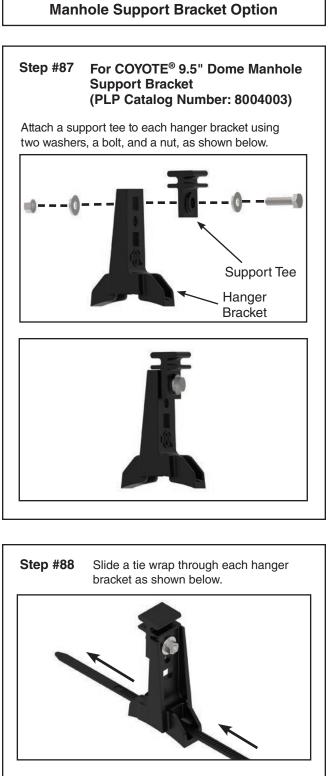


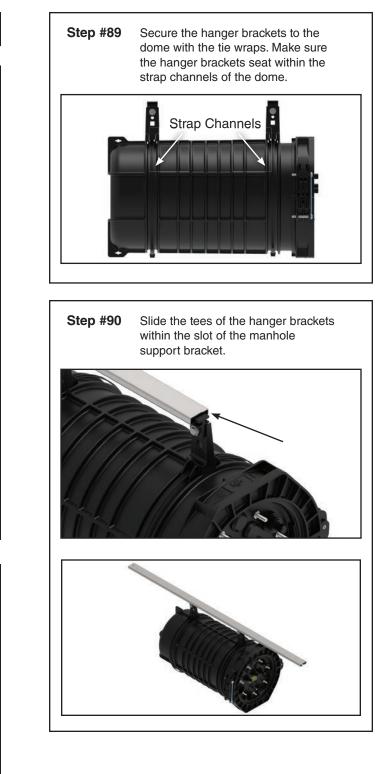


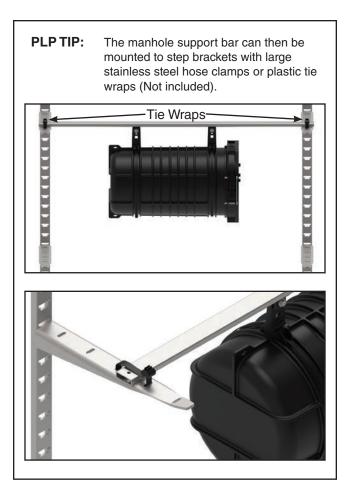
Step #85 Install the pole/wall mount bracket assembly on to the grounding studs of the end plate of the closure and secure it to the end plate with the three nuts that are provided.

Nuts









### 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<sup>™</sup> product before application.

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



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### SP3107-3