











COYOTE® MPC (Multi Purpose Closure)





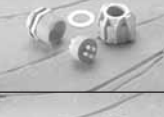





Be sure to read and completely understand this procedure before applying product. Be sure to select the proper PREFORMED product before application.



COYOTE MPC Closure Standard

COYOTE MPC (Multi Purpose Closure) Kit	
PLP Catalog No.	Description
COYMPC-000	COYOTE Standard MPC (EMPTY)
COYMPC-001	COYOTE Standard MPC with (1) 4-Hole Grommet Port Adapter Kit (P/N:8003812) and (1) Organizer Clip Kit (P/N:8003813)
COYMPC-002	COYOTE Standard MPC with OptiTap™ Adapters - Includes (1) Bulkhead with 2 OptiTap Adapters, (1) 4-Hole Grommet Port Adapter Kit (P/N: 8003812), (1) 8-Hole Grommet Port Adapter Kit (P/N: 8003818), (1) Organizer Clip Kit (P/N: 8003813), (1) Storage Bracket Kit (P/N: 8003811), and (1) Grommet Port Adapter Shroud (P/N: 80808467)
COYMPC-003	COYOTE Standard MPC with Step Grommets - Includes (1) Step Grommet Kit (P/N: 80808618) and (1) Organizer Clip Kit (P/N: 8003813)
COYMPC-004	COYOTE Standard MPC with Splice Tray and Grommets - Includes (1) 4-Hole Grommet Port Adapter Kit (P/N:8003812), (1) 2-Hole Grommet Port Adapter Kit (P/N: 8003828), (2) Organizer Clip Kits (P/N: 8003813), (2) Cable Restraint Brackets (P/N: 8003829), (2) Tray Brackets (P/N: 80808689), and (1) Standard Short Splice Tray -12 splice count (P/N: 80806033)
COYMPC-005	COYOTE Standard MPC with Bulkhead and Tray Supports - Includes (2) 6 Port SM, SC/UPC Adapter Plates (P/N: 7500367), (3) 4-Hole Grommet Port Adapter Kit (P/N:8003812), (2) Organizer Clip Kits (P/N: 8003813), (1) 1-Hole Grommet Port Adapter Kit (P/N: 8003827), and (4) Cable Restraint Brackets (P/N: 8003829)
COYMPC-006	COYOTE Standard MPC with LITE-GRIP® Tray and Tray Supports - Includes (2) Organizer Clip Kits (P/N: 8003813), (1) 1-Hole Grommet Port Adapter Kit (P/N: 8003827), (1) Cable Restraint Brackets (P/N: 8003829), (1) LITE-GRIP Short Splice Tray - 16 splice count (P/N: 80808392), and (1) Splice Tray Support Kit (P/N: 80808853)
COYMPC-008	COYOTE Standard MPC with (2) Organizer Clip Kits (P/N: 8003813) and (4) 2-Hole Grommet Port Adapter Kits (P/N: 8003828)

COYOTE MPC Accessories		
Catalog No.	Description	Accessory
8003813	Organizer Clip Kit for Standard or Deep MPC - contains 3 clips	
8003811	Storage Bracket Kit - contains 2 brackets	
8003879	Tray Bracket Kit for either Standard MPC or Deep MPC - contains (2) tray brackets, (2) studs, (1) hold down strap, (4) nylon cable clamps, and (1) felt strip	
8003829	Cable Restraint Bracket Kit - contains 1 restraint bracket	
80808467	Raceway Shroud Kit - contains 1 shroud	
80808508	2 Port Internal OptiTap™ Bracket Kit - includes adapters	
8003824	8 Port Internal OptiTap Bracket Kit - does not include adapters	
80808916	Empty Bulkhead Kit for Standard or Deep MPC - Accepts 2 Adapter Modules	
<p>NOTE: For other COYOTE MPC Cross-Connect Accessories, refer to the COYOTE Passive Optical Components & PLC Splitters Modules Section in the Fiber Optic Closures Catalog on page 23. OptiTap™ is a registered Trademark of Corning Cable Systems.</p>		

COYOTE MPC Grommet Port Adapter Kits						
Catalog No.	Cable Range	Description	Accessory			
8003825	.825" - 1" (21 mm - 25 mm)	1 Hole Grommet Port Adapter				
8003826	.60" - .825" (15 mm - 21 mm)	1 Hole Grommet Port Adapter				
8003827	.40" - .60" (10 mm - 15 mm)	1 Hole Grommet Port Adapter				
8003828	.275" - .500" (7 mm - 12 mm)	2 Hole Grommet Port Adapter				
8003812	.120" - .275" (3 mm - 7 mm)	4 Hole Grommet Port Adapter				
8003818	.120" - .200" (3 mm - 5 mm)	8 Hole Grommet Port Adapter				
80808618	.070" - 1.00" (1.8 mm - 25 mm)	Stepped Grommet Kit				
Splice Tray Selections for COYOTE MPC	Splice Tray 12ct Standard Profile (Single Fusion)	LITE-GRIP® Short Tray 24ct Low Profile (Single Fusion)	144ct Deep Profile LITE-GRIP® Short Tray (Single Fusion/ Double Stack)			
						
Catalog No.	80806033		80809958		80808945	
COYOTE MPC Type	Tray Count	Splice Count	Tray Count	Splice Count	Tray Count	Splice Count
Standard MPC	3	36	4	96	2	80
Deep MPC	8	96	12	288	6	240

COYOTE MPC Mounting Kit	
PLP Catalog No.	Description
80808982	COYOTE MPC Pole/Wall Mount Bracket

Cable Port Removal

Step #1 Drill pilot hole using a 1/4" (6 mm) drill bit.



Step #2 Using a 1-3/8" (35 mm) hole saw, drill out desired cable port.



Grommet Adapter Port/Cable Installation

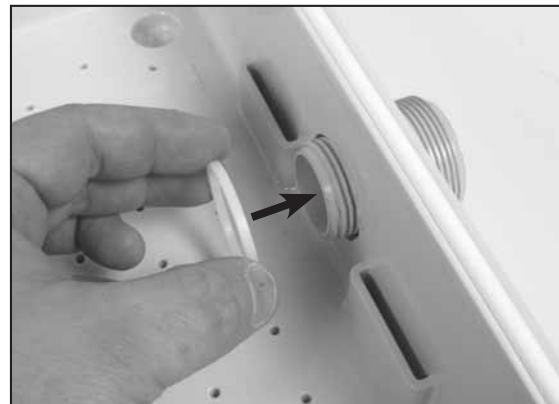
Step #3 Install rubber sealing washer on grommet adapter port as shown.



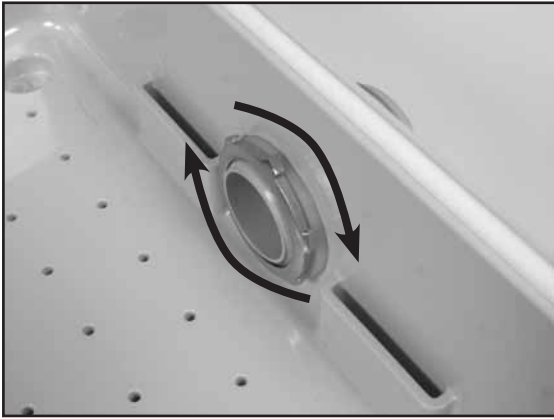
Step #4 Insert grommet adapter port into cable port hole.



Step #5 Place the thin plastic washer on the grommet adapter port on the inside of the closure.



Step #6 Install metal nut on the grommet adapter port to secure.

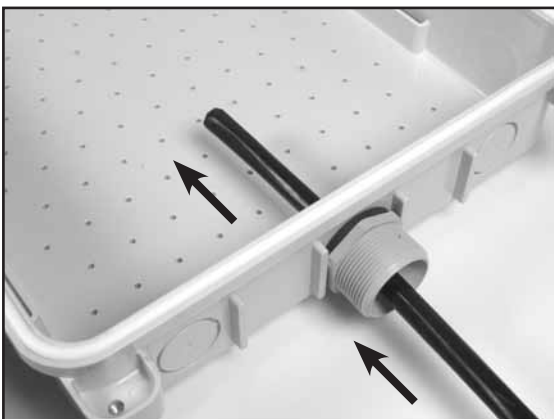


Step #7 Install the thick plastic washer and grommet on cable as shown. Push the cable through the washer and grommet so that roughly 8 ft. (2.4 m) of cable has passed through the grommet.

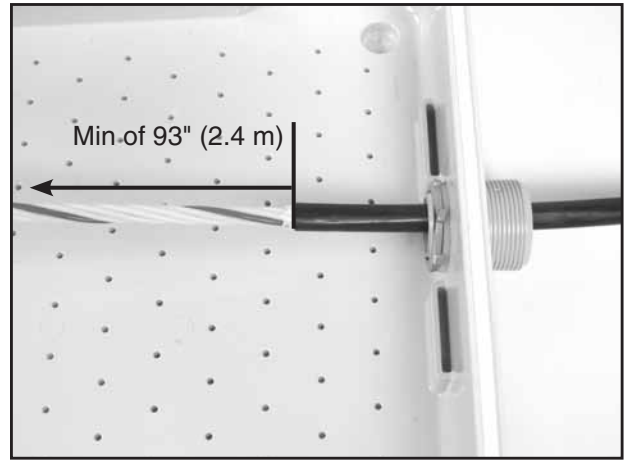


PLP Tip: Grommet can be slit if needed in your application.

Step #8 Insert cable through the grommet adapter port.



Step #9 Remove the cable sheath.

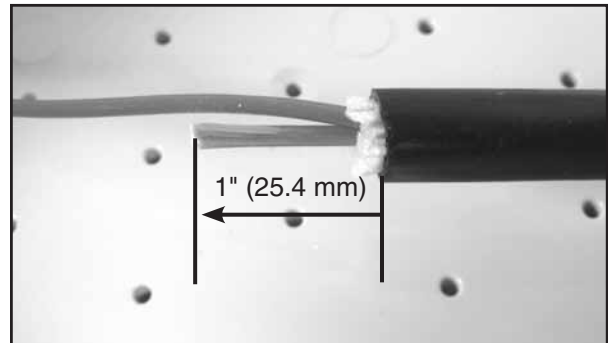


Minimum Sheath Opening for Cut Cable

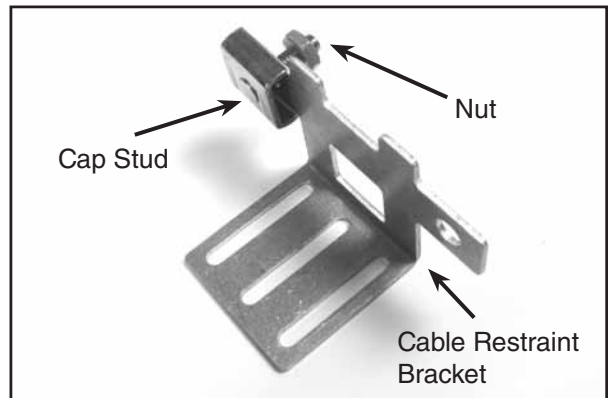
Min of 93"	2.4 m
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PLP Tip: Leave about 8" (203 mm) of strength member to trim later.

Step #10 Trim strength member of cable as shown.

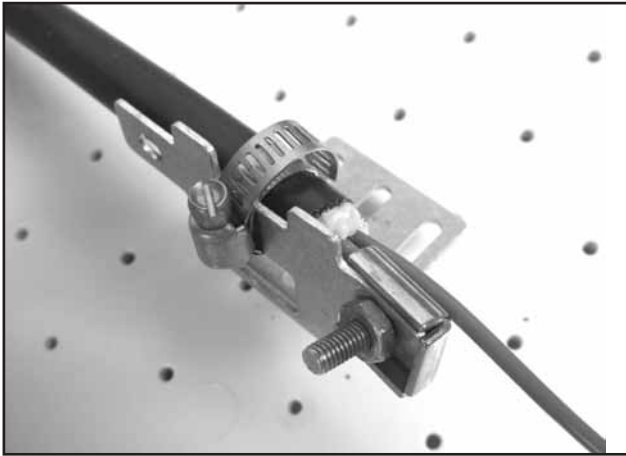


Step #11 Install cap stud onto cable restraint bracket and secure with nut.

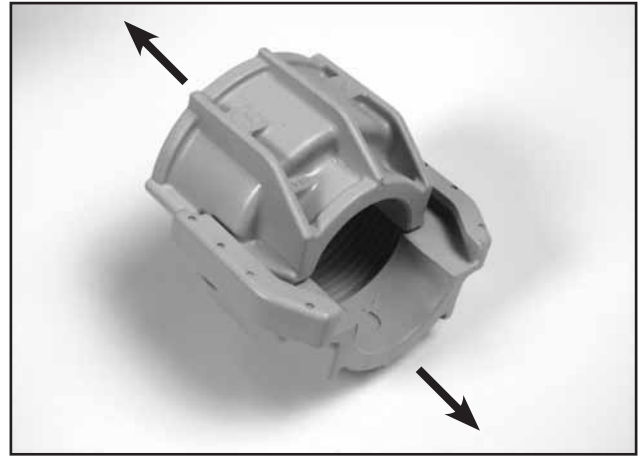


NOTE: The cap stud can be installed on either end of the cable restraint bracket.

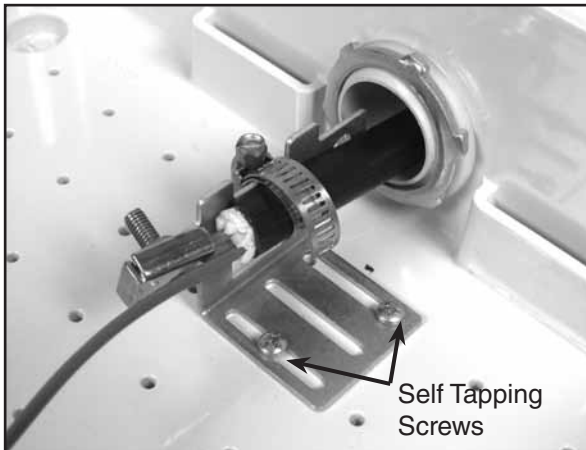
Step #12 Position the strength member of the cable under the cap and tighten nut to secure strength member. Secure cable to bracket with hose clamp.



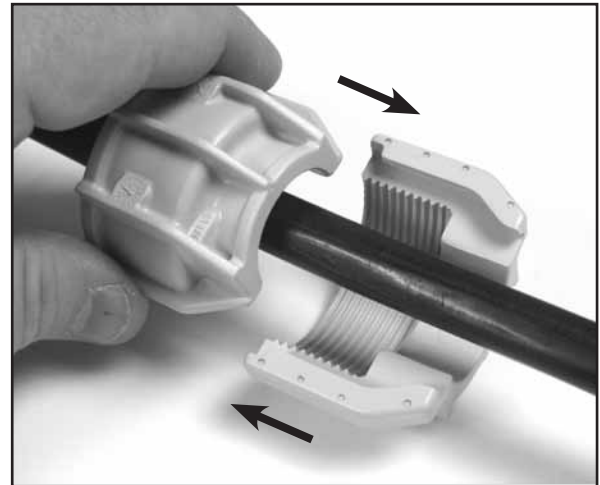
Step #15 Slide adapter port nut halves apart as shown.



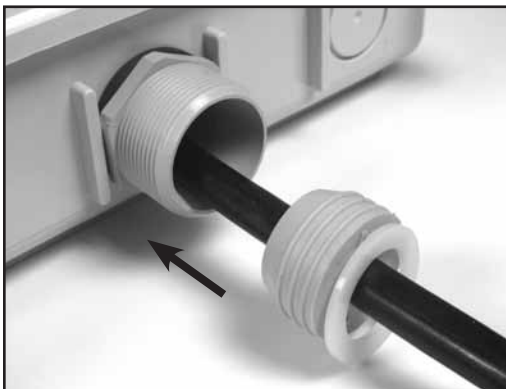
Step #13 Secure cable restraint bracket to base with self tapping screws as shown.



Step #16 Position adapter port nut halves around cable and slide halves together.



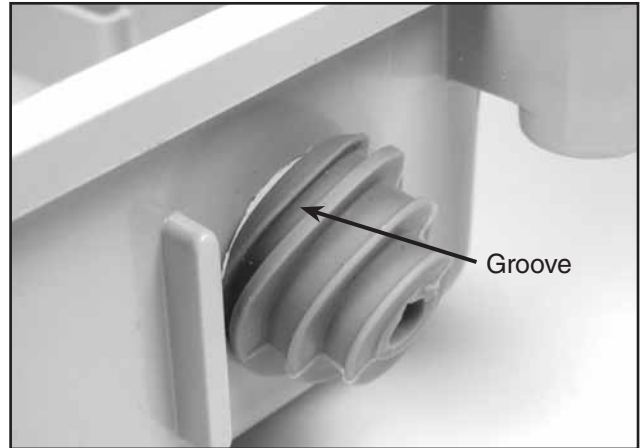
Step #14 Slide grommet and plastic washer over cable and insert grommet into the grommet adapter port.



Step #17 Install adapter port nut on the grommet adapter port to secure cable.



Step #19 Insert step grommet into the cable port hole. Make sure the edge of the cable port hole is seated into the groove of the step grommet.

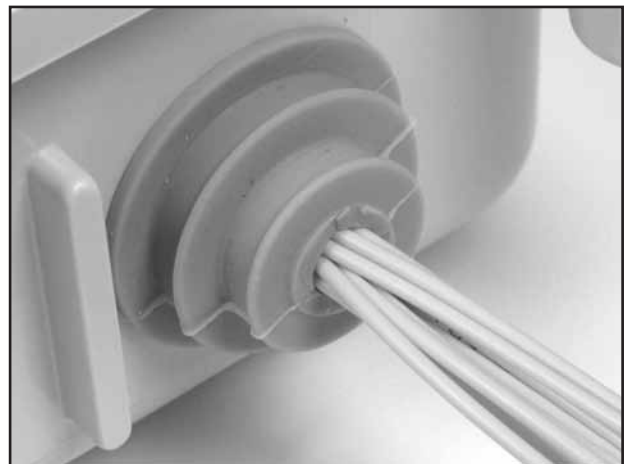


Step Grommet Installation

Step #18 Determine the cable hole size that is required and cut off the appropriate step of the grommet.

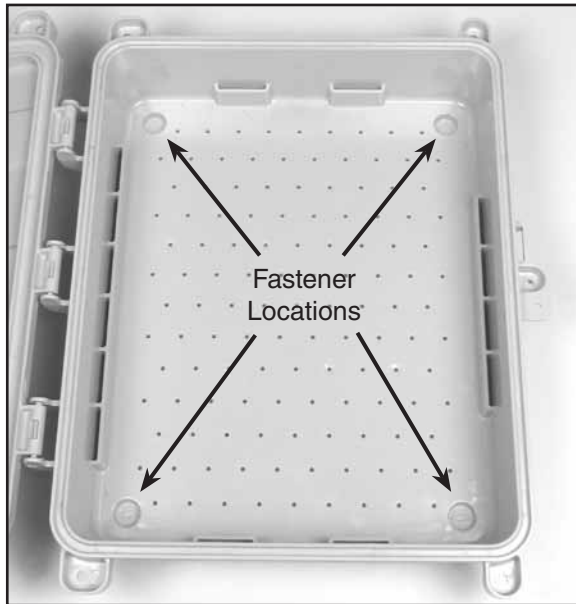


Step #20 Insert pigtails or cable through step grommet.



Wall Mounting

Step #21 Mount and secure closure assembly to wall at the 4 fastener locations shown below.



Step #22 To prevent water from entering the closure, place a square piece of mastic into the fastener location and secure closure to wall with screw and washer (not provided).

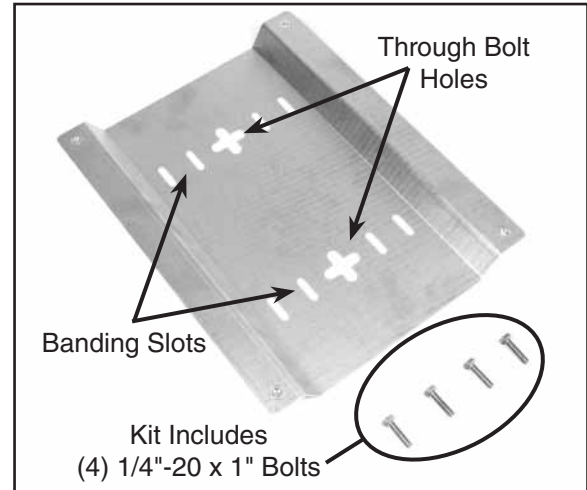


NOTE: If mastic is not used, silicone caulk may be used to seal the fastener location after the closure has been attached to the wall.



Pole/Wall Mounting Bracket Option

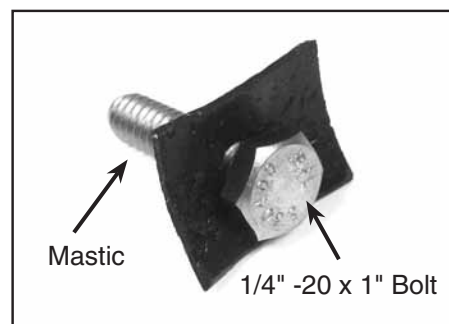
Step #23 The COYOTE® MPC Pole/Wall Mounting Bracket Kit (Cat. No. 80808982) can be used to secure the COYOTE MPC to wood, concrete, or steel poles.



Step #24 Drill a 1/4" (.006 mm) hole at each fastener location of the MPC.



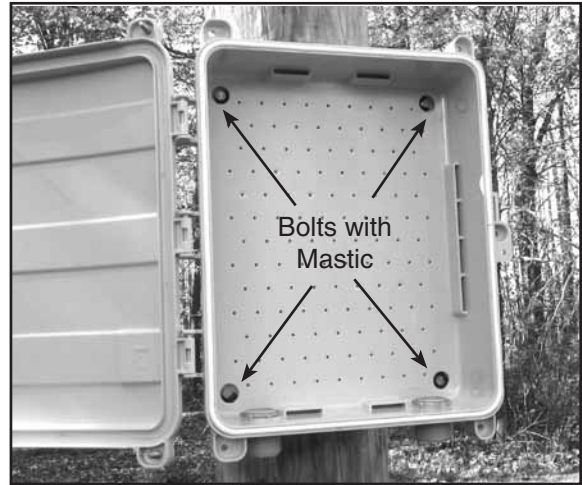
Step #25 Insert each bolt through a square piece of mastic as shown.



Step #26 Install mounting bracket on pole or wall with banding or 3/8" through bolts.



Step #27 Place bolts with mastic in drilled out holes at each fastener location and secure to mounting bracket.



NOTE: If mastic is not used, silicone caulk may be used to seal the fastener location after the closure has been attached to the wall (See Step 22).

COYOTE® MPC for Applications with Internal Bulkhead



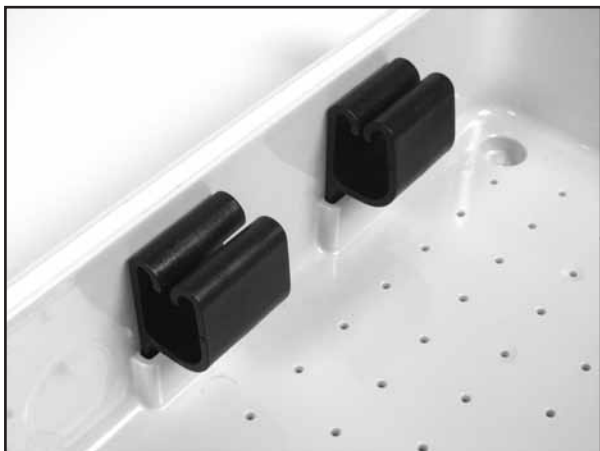
Kits Required to Support Internal Bulkhead Applications

PLP Catalog No.	
COYMPC-005	COYOTE Standard MPC with Bulkhead and Tray Supports - Includes (2) 6-Port SM, SC/UPC Adapter Plates (P/N: 7500367), (3) 4-Hole Grommet Port Adapter Kit (P/N: 8003812), (2) Organizer Clip Kits (P/N: 8003813), (1) 1-Hole Grommet Port Adapter Kit (P/N: 8003827), and (4) Cable Restraint Brackets (P/N: 8003829)

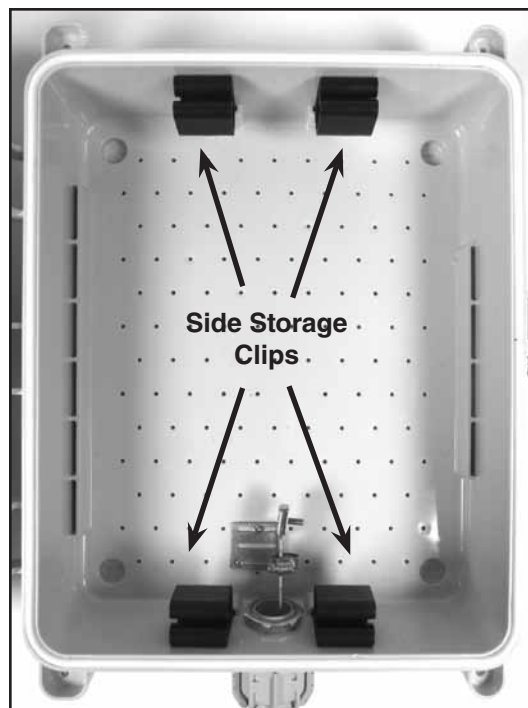
NOTE: Custom Configurations are available upon request, contact PLP for more details.

Side Storage Clip Installation

Step #28 Install the side storage clips into the slots of base.

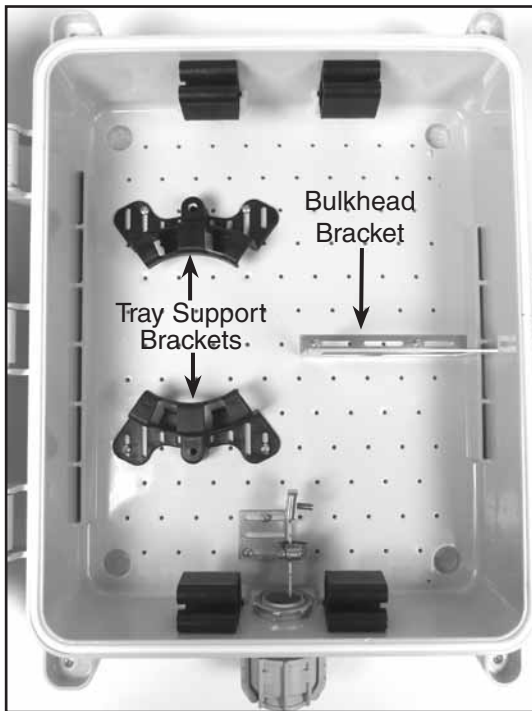


Step #29 Recommended side storage clip locations.

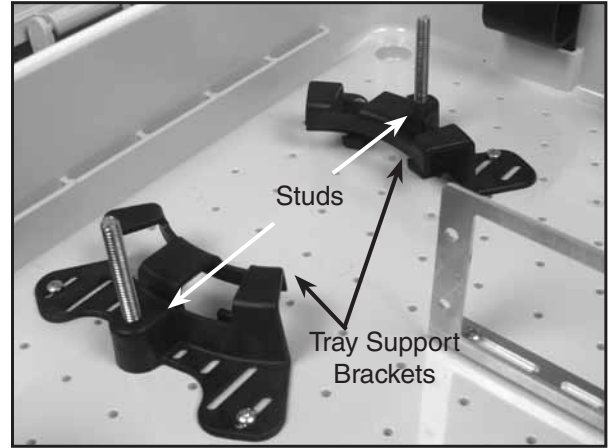


Tray Support Brackets and Bulkhead Bracket Installation

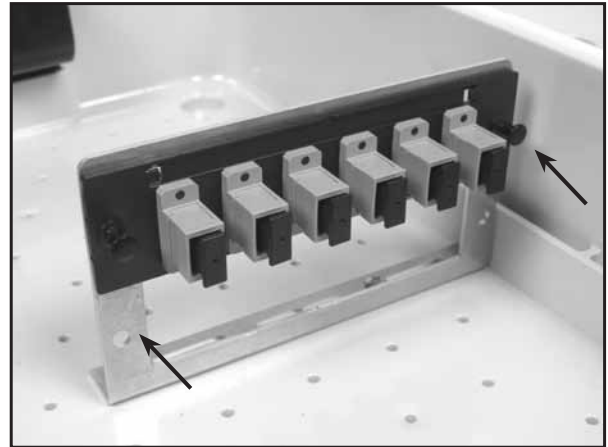
Step #30 Secure the tray support brackets and the bulkhead bracket at the recommended positions of the base shown below using self tapping screws.



Step #31 Install studs into tray support brackets.

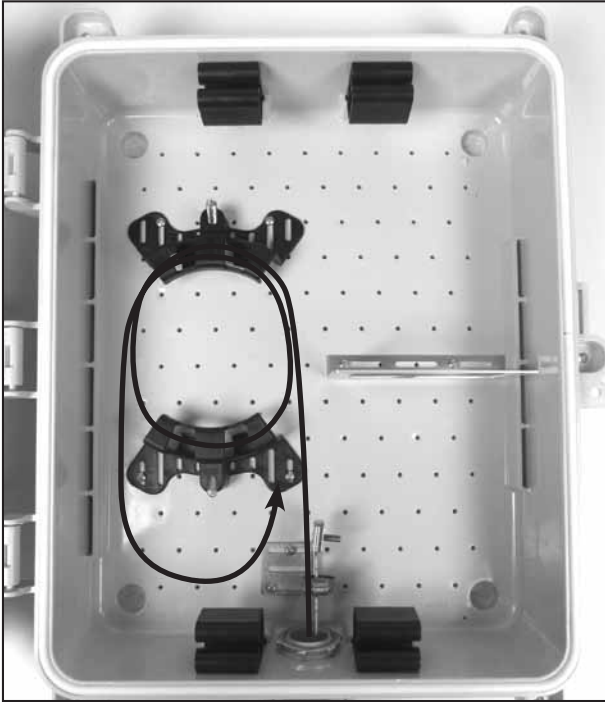


Step #32 Install adapter plate(s) into bulkhead bracket.

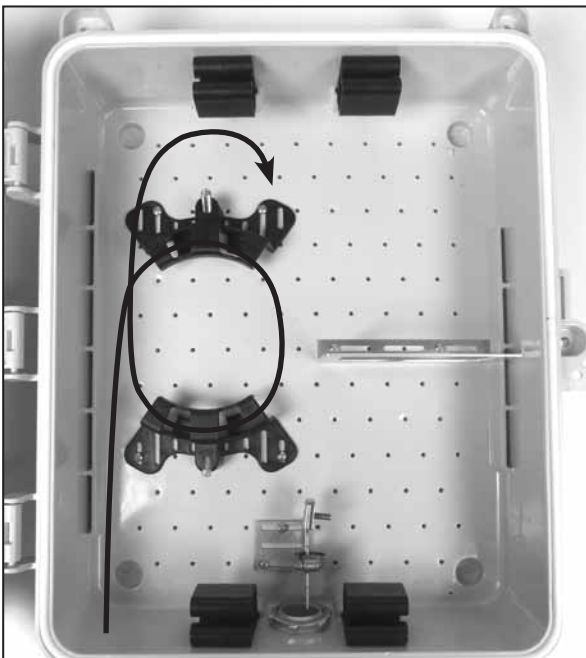


Buffer Tube Routing for Internal Bulkhead Installation

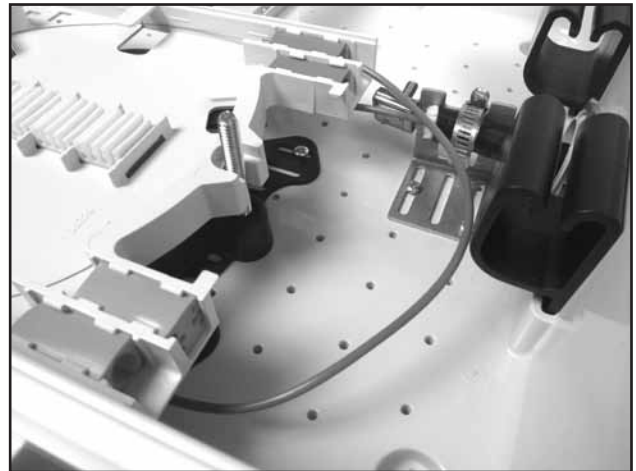
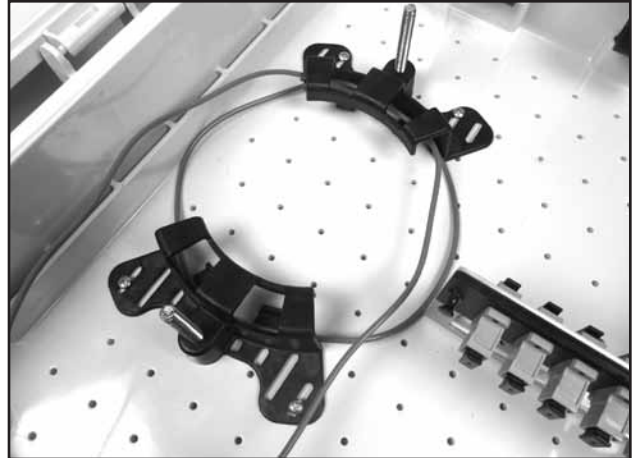
Step #33 Recommended buffer tube routing for incoming cable. Minimum buffer tube length to splice tray is 43" (1.1 m).



Step #34 Recommended buffer tube routing for outgoing cable. Minimum buffer tube length to splice tray is 43" (1.1 m).

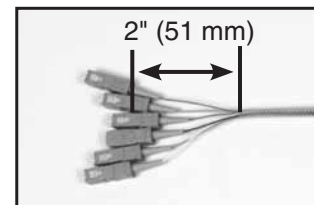
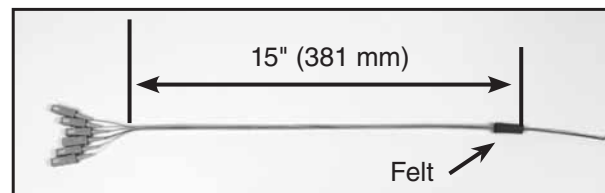


Step #35 Make sure the buffer tube is captured under the tray support brackets as shown and route buffer tube to splice tray.

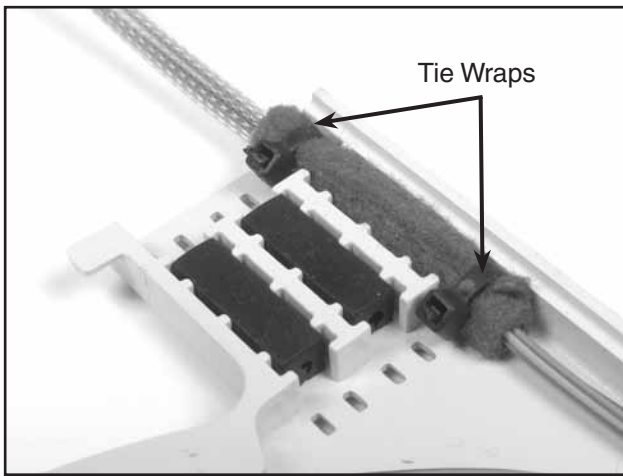
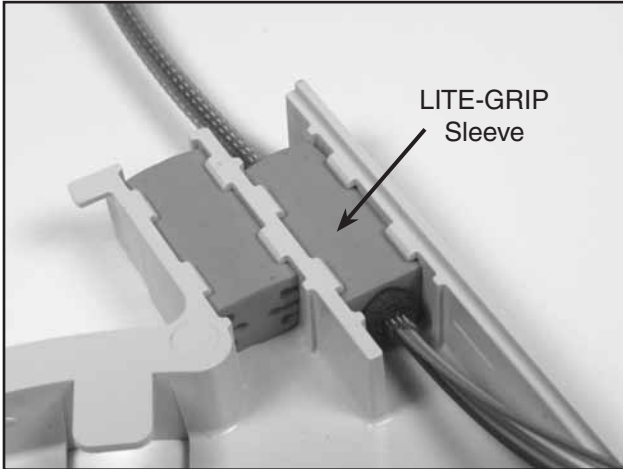


Pigtail Assembly Preparation and Installation

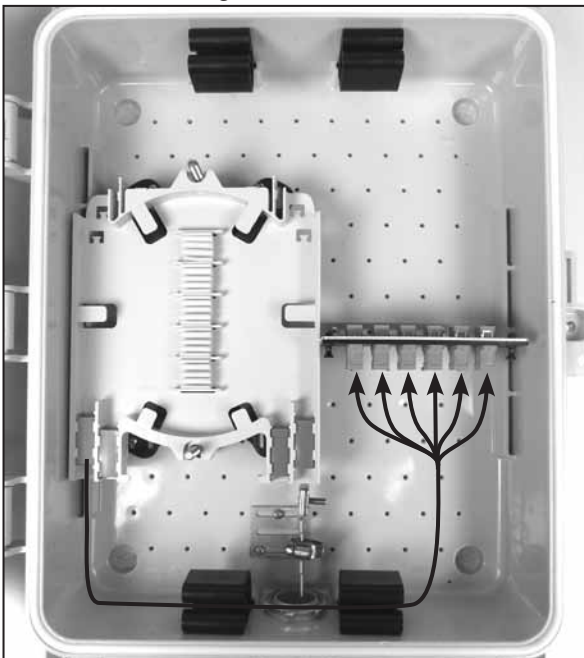
Step #36 Trim the yellow braided sleeve to 15" (381 mm). Leave about 2" (51 mm) between the end of the connectors and the sleeve. Wrap the end of the sleeve with felt as shown.



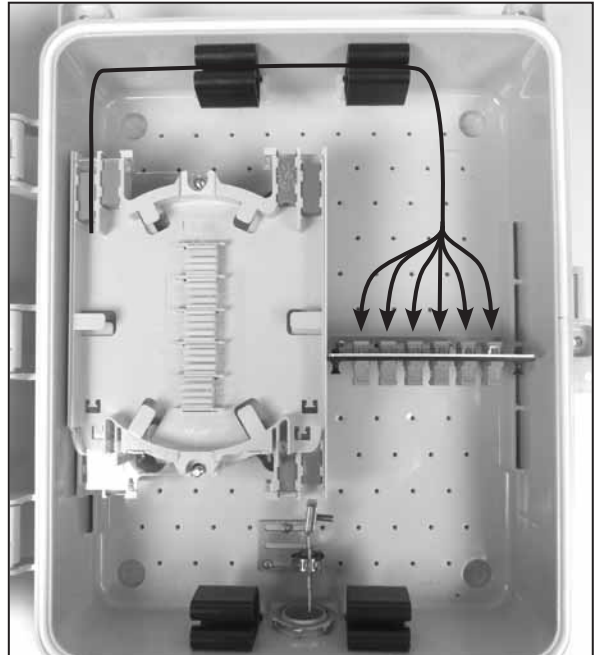
Step #37 Install pigtail assembly in splice tray with LITE-GRIP® sleeve or tie wrap.



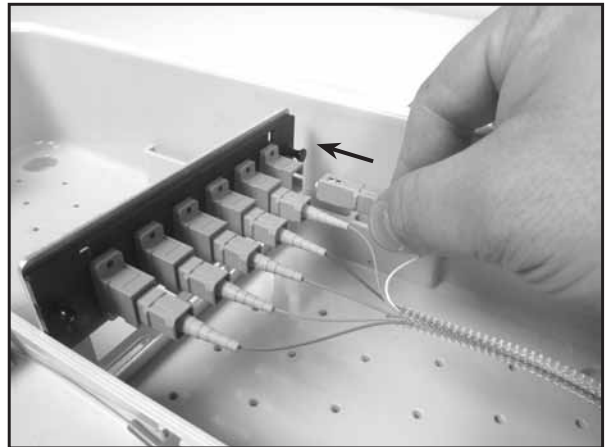
Step #38 Recommended pigtail routing for incoming cable.



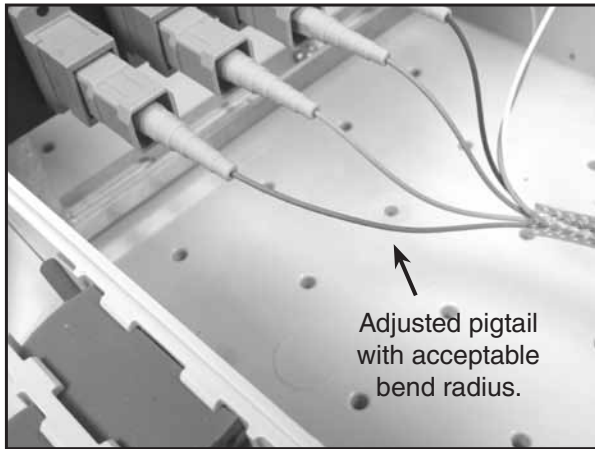
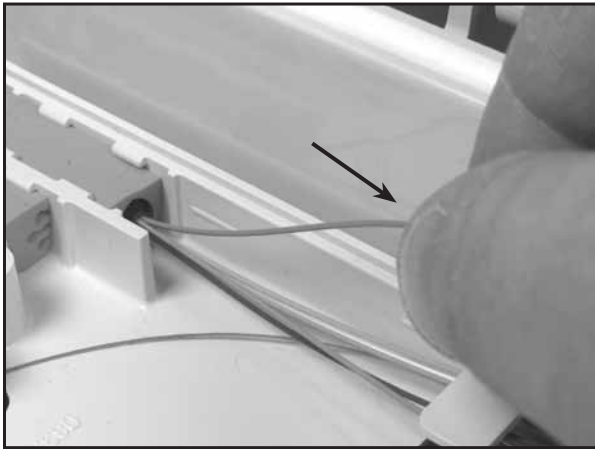
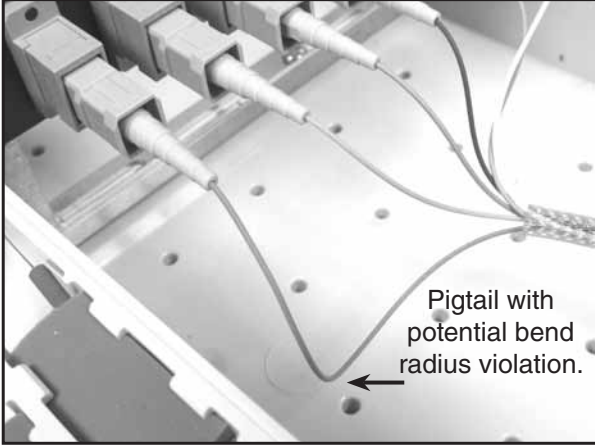
Step #39 Recommended pigtail routing for outgoing cable.



Step #40 Install connectors into adapters.



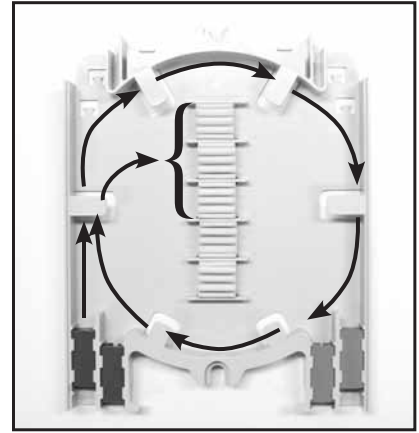
PLP Tip: Adjust pigtail length if needed by pulling back on the pigtail inside the splice tray.



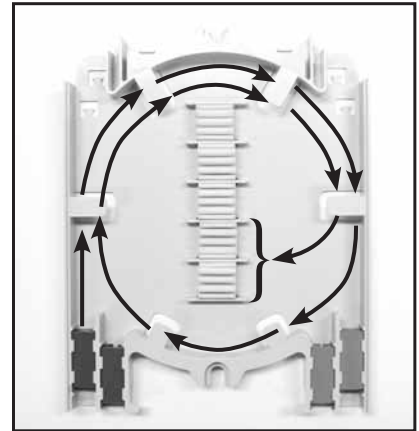
Splice Tray Management

Step #41 Route fibers for incoming and outgoing cables in splice tray.

Splices
1-12
21-32

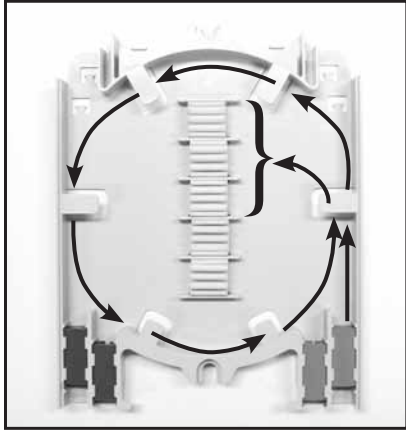


Splices
13-20
33-40

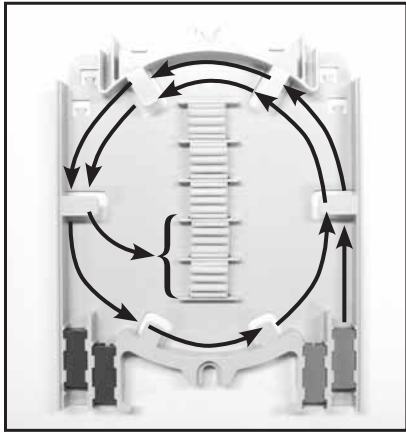


Step #42 Route pigtails for incoming and outgoing cables in splice tray.

Splices
1-12
21-32



Splices
13-20
33-40



Step #43 Splice fibers to pigtails per your accepted company practice.

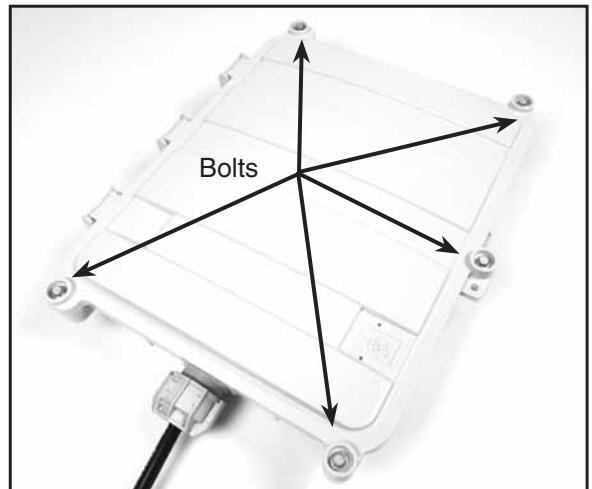
Step #44 Secure splice trays with hold down strap.



Step #45 Install bolts into cover.



Step #46 Hand tighten the 5 bolts evenly until the closure door is fully seated on the base.



COYOTE® MPC for Straight Splicing Applications

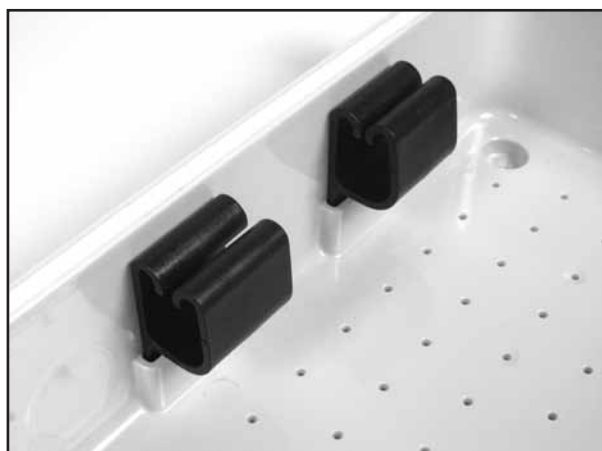


COYOTE MPC Kits for Straight Splicing Applications

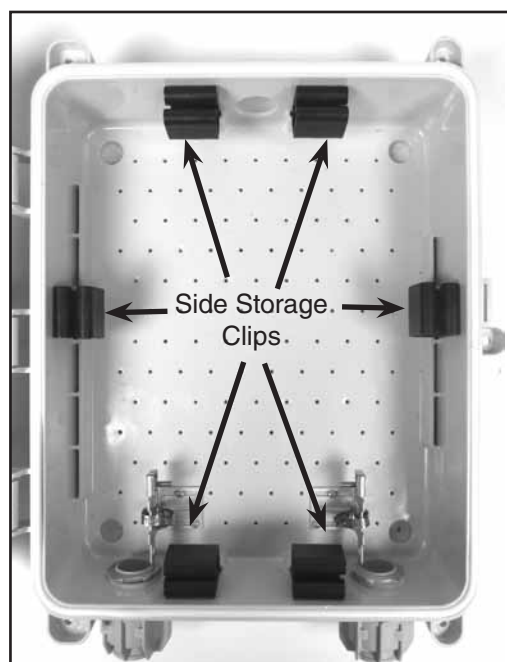
PLP Catalog No.	
COYMPC-004	COYOTE Standard MPC with Splice Tray and Grommets – Includes (1) 4-Hole Grommet Port Adapter Kit (P/N: 8003812), (1) 2-Hole Grommet Port Adapter Kit (P/N: 8003828), (2) Organizer Clip Kits (P/N: 8003813), (2) Cable Restraint Brackets (P/N: 8003829), (2) Tray Brackets (P/N: 80808689), and (1) Standard Profile Short Splice Tray-12 splice count (P/N: 80806033)
COYMPC-006	COYOTE Standard MPC with LITE-GRIP® Splice Tray and Tray Supports – Includes (2) Organizer Clip Kits (P/N: 8003813), (1) 1-Hole Grommet Port Adapter Kit (P/N: 8003827), (1) Cable Restraint Bracket (P/N: 8003829), (1) LITE-GRIP Short Splice Tray – 16 splice count (P/N: 80808392), and (1) Splice Tray Support Kit (P/N: 80808853)

NOTE: Custom Configurations are available upon request, contact PLP for more details.

Step #47 Install the side storage clips into the slots of base.

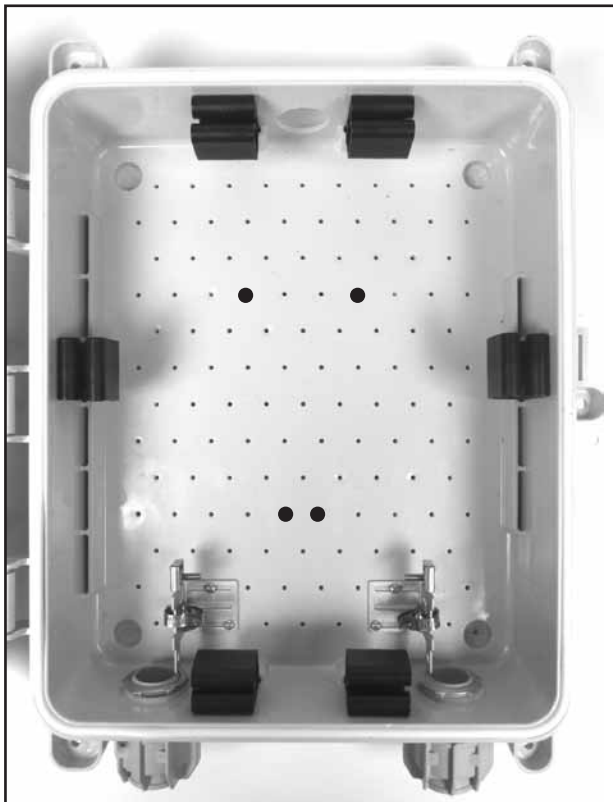


Step #48 Recommended side storage clip locations.

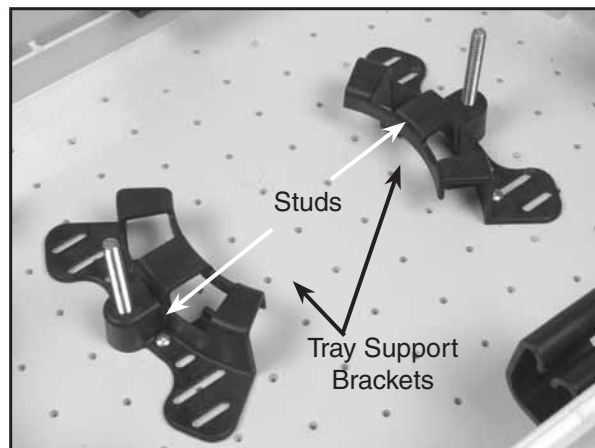


Tray Support Bracket Installation

Step #49 Secure the tray support brackets at the recommended positions of the base shown below using self tapping screws.

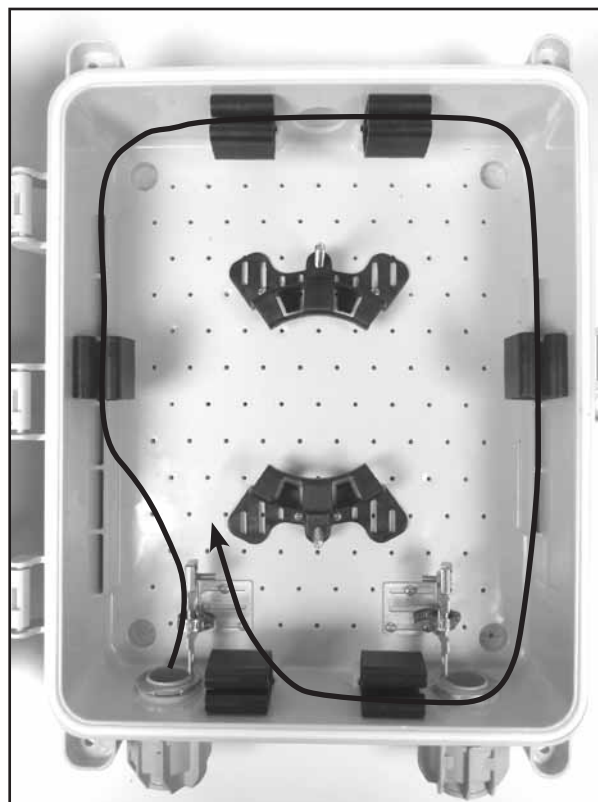


Step #50 Install studs into tray support brackets.

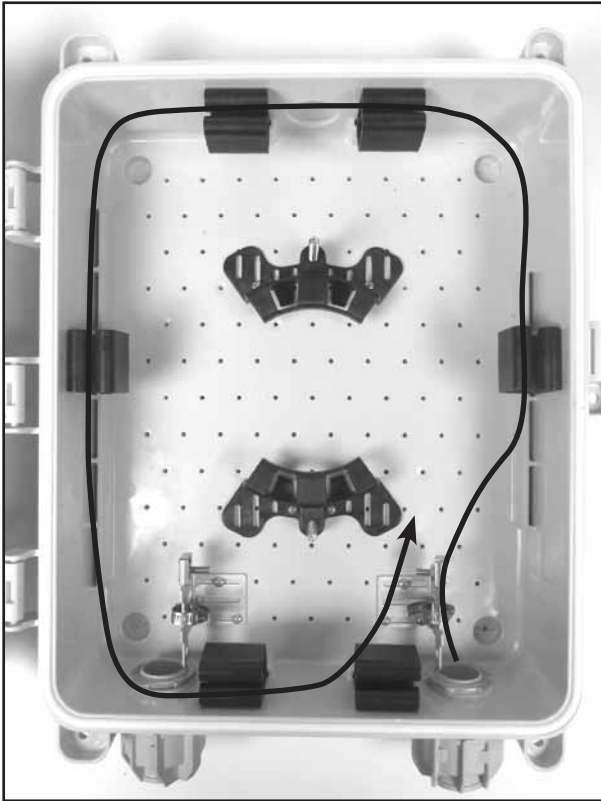


Buffer Tube Routing for Internal Bulkhead Applications

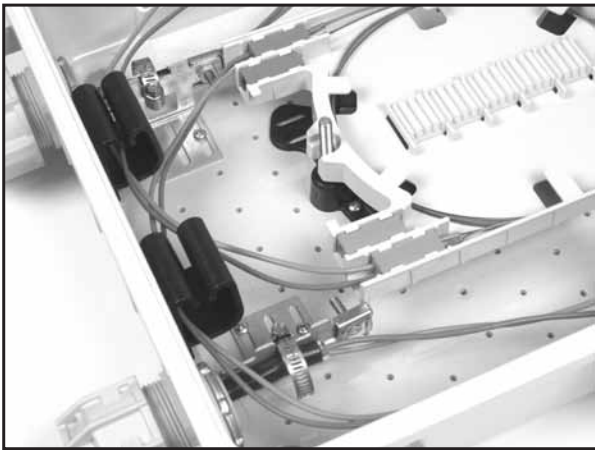
Step #51 Recommended buffer tube routing for incoming cable. Minimum buffer tube length to splice tray is 43" (1.1 m).



Step #52 Recommended buffer tube routing for incoming cable. Minimum buffer tube length to splice tray is 43" (1.1 m).



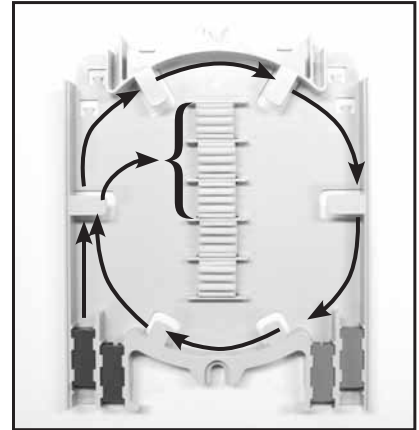
Step #53 Route buffer tubes to splice tray.



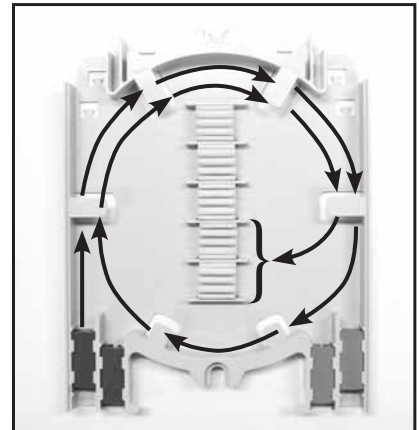
Splice Tray Management

Step #54 Route fibers for incoming and outgoing cables in splice tray.

Splices
1-12
21-32

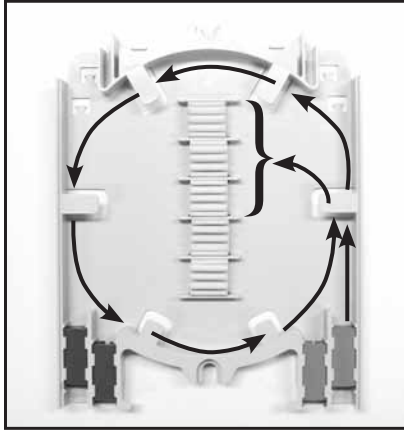


Splices
13-20
33-40

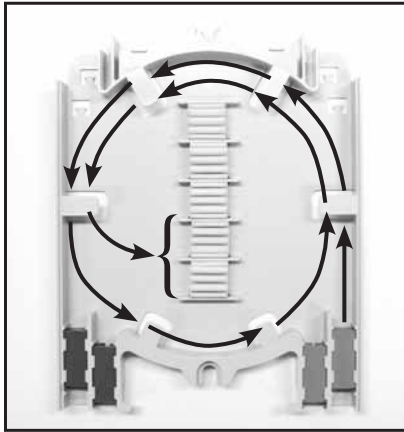


Step #55 Route outgoing fibers in splice tray.

Splices
1-12
21-32



Splices
13-20
33-40



Step #56 Splice incoming fibers to outgoing fibers per your accepted company practice.

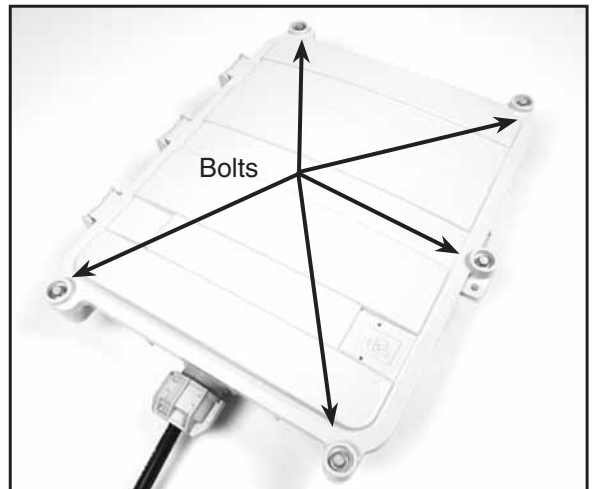
Step #57 Secure splice tray(s) with hold down strap.



Step #58 Install bolts into cover.



Step #59 Hand tighten the 5 bolts evenly until the closure door is fully seated on the base.



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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