



COYOTE® PEDBOX™

INSTALLATION INSTRUCTIONS

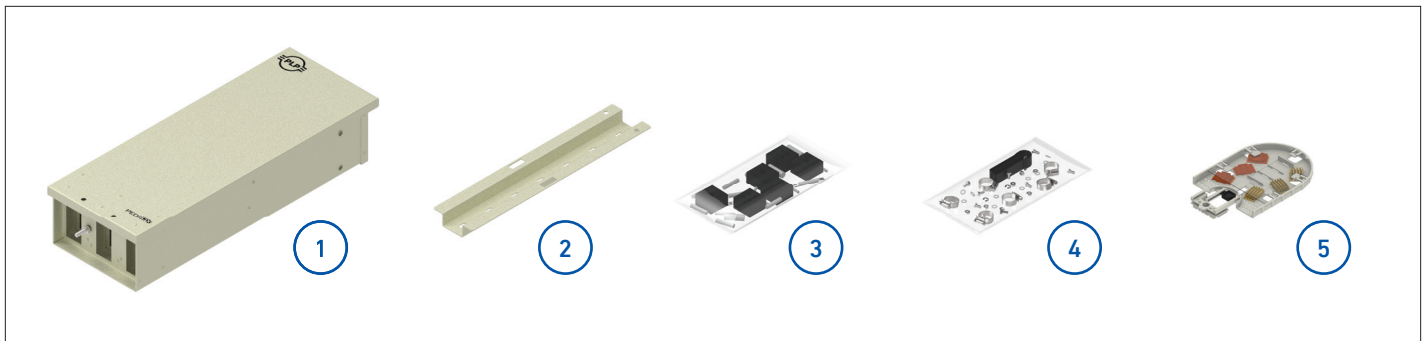


IMPORTANT SAFETY INFORMATION

READ AND COMPLETELY UNDERSTAND ALL INSTRUCTIONS BEFORE INSTALLING PRODUCT. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY OR DEATH.

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. These instructions are not intended to supersede any company construction or safety standards. These instructions are offered only to illustrate safe installation for the individual. PLP products are intended for the specified application only. Do not modify this product under any circumstances. Do not reuse or reinstall any PLP product unless that capability is expressly indicated in the product's Installation Instructions. For proper performance and personal safety, be sure to select the proper PLP product before installation. PLP products are precision devices. To ensure proper performance, they should be stored in cartons under cover and handled carefully.

PACKAGE COMPONENTS



1. PEDBOX Assembly (1)
2. Pedestal Mounting Bracket (1) –
Used with COYOTE 8" Pedestal or other pedestals 10" or larger
3. Grommet Kit (1)
4. Small Parts Bag (1)
5. Single Fusion Splice Tray – Thin (1)

Tools Required:

- 3/8" & 7/16" Can Wrench or Socket Wrench
- 1/4" Nut Driver
- Utility Knife
- Side Cutters
- Snips
- Fiber Optic Cable Opening Tools
- Needle Nose Pliers
- Phillips Head Screwdriver

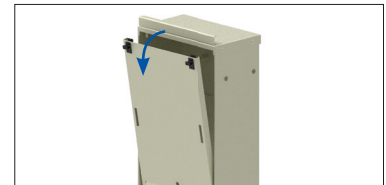
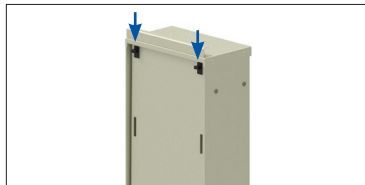
BASE PREPARATION

- 1 Remove the cover by lifting up on the bottom.

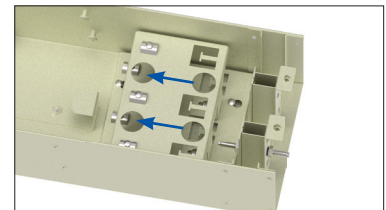
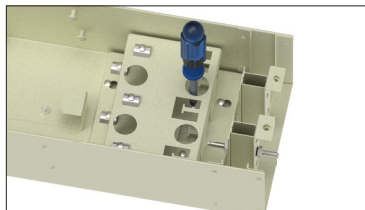


- 2 To release the splice tray platform, push down on the tabs. Hinge the platform outward while pushing down on the tabs to remove.

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

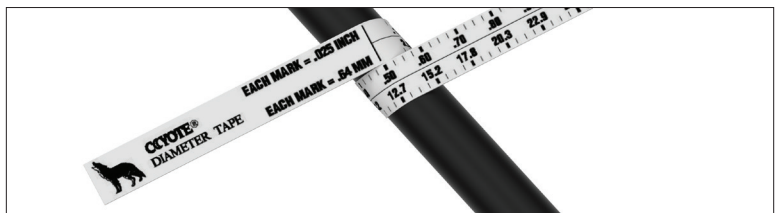


- 3 Loosen the screws that hold the drop restraint platform into place. Slide the platform towards the top of the box and lift to remove.

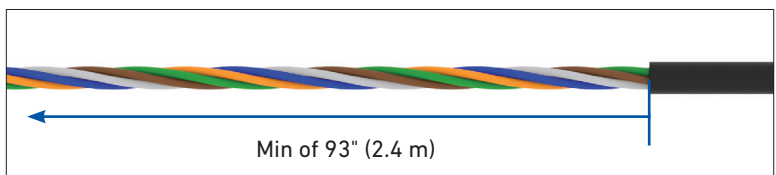


GENERAL CABLE PREPARATION

- 4 Measure the cable to determine the diameter and hole location to use in the grommet.



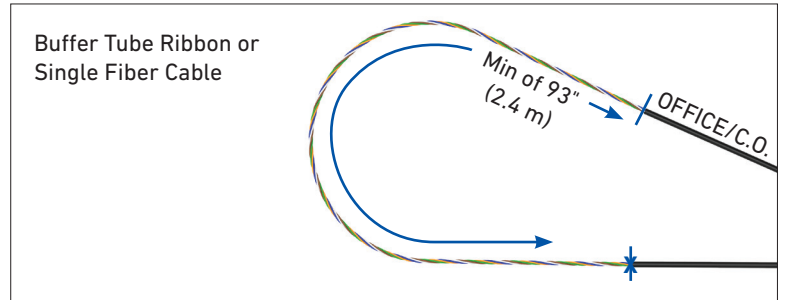
- 5 **NOTE:** Leave about 8" (203 mm) of strength member to trim later.



Minimum Sheath Opening for Cut Cable Applications	
in	m
93	2.4

- 6A** Prepare the feed cable for mid sheath applications (Express/Balloon/Ring Cut).

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

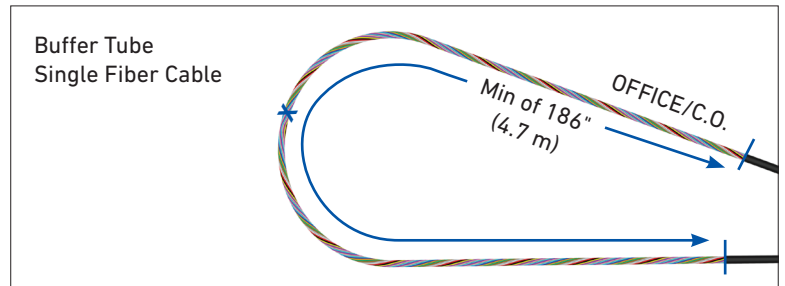


For Applications Where Fiber is Dedicated to the Splice Point

Configuration	Cut Location	Sheath Opening in (m)
Buffer Tube Expressed (Mid-Sheath)	A	Min. of 93" (2.4)

- 6B** Prepare the feed cable for mid sheath applications (Express/Balloon/Ring Cut).

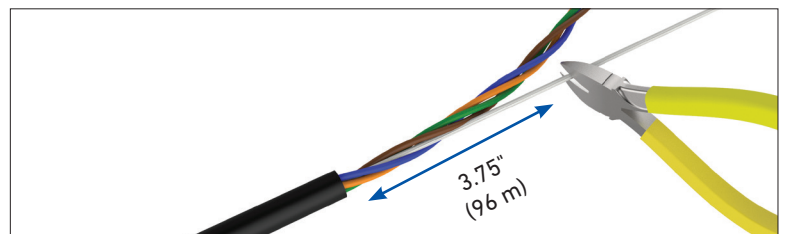
NOTE: Leave about 8" (203 mm) of strength member to trim later.



For Applications Where Fiber is Dedicated to the Splice Point

Configuration	Cut Location	Sheath Opening in (m)
Buffer Tube Single Fiber Expressed (Mid-Sheath)	B	Min. of 186" (4.7 m)

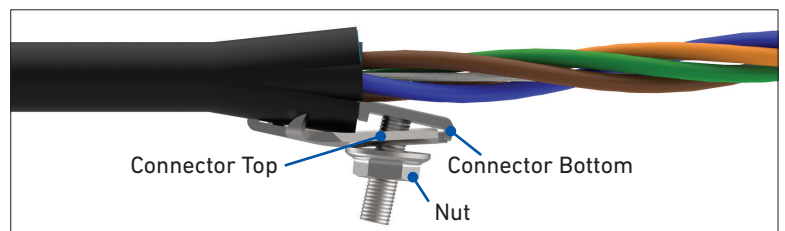
- 7** Trim the cable strength member 3.75" (96 mm) from the cable sheath opening.



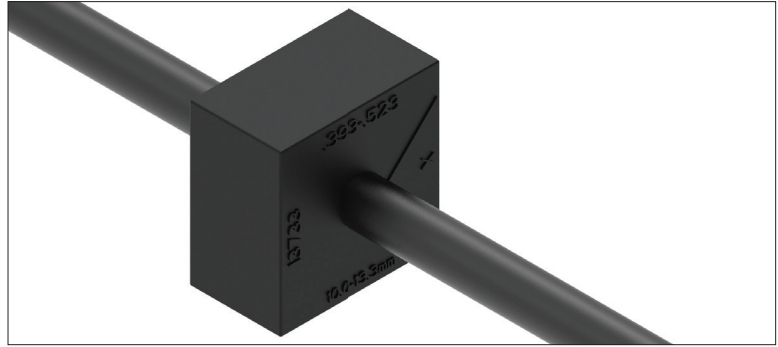
PREPARING ARMORED CABLE

- 8** Install the shield connector onto the cable as shown. Follow your standard company practices when applying the shield connector to the cable.

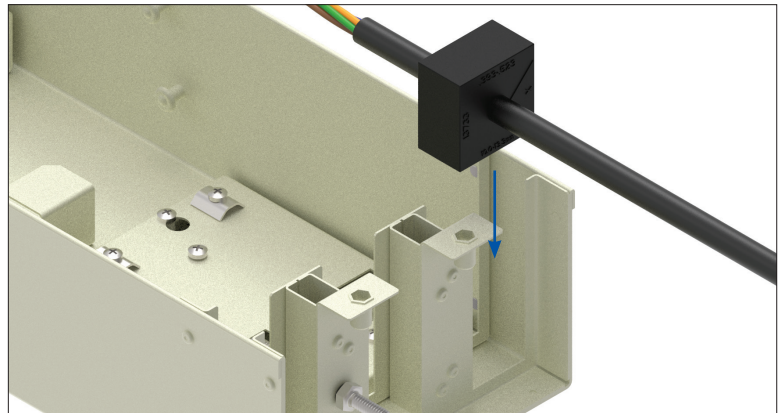
NOTE: PLP recommends using a Fiber Optic Shield Connector **Catalog Number: 80803989** for shielded cable applications.



- 9 Install pre-slit grommet onto cable.



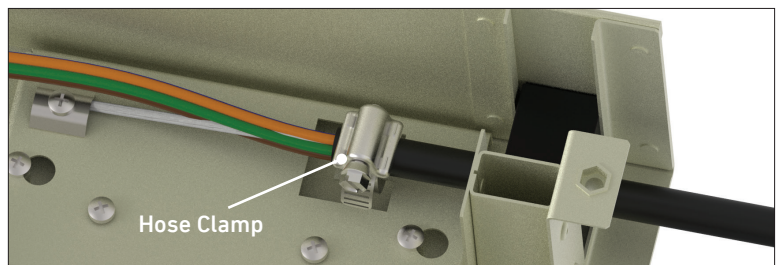
- 10 Position the grommet into the grommet port.



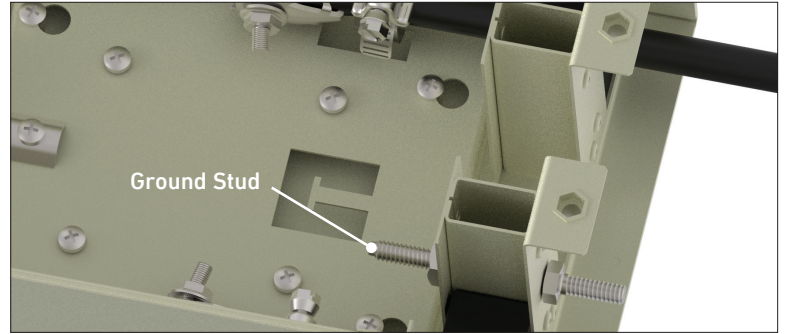
- 11 Position the cable strength member under the strength member retention plate. Tighten the screw to secure the strength member under the plate.



- 12 Secure the cables to the cable restraint platform with the hose clamps provided.

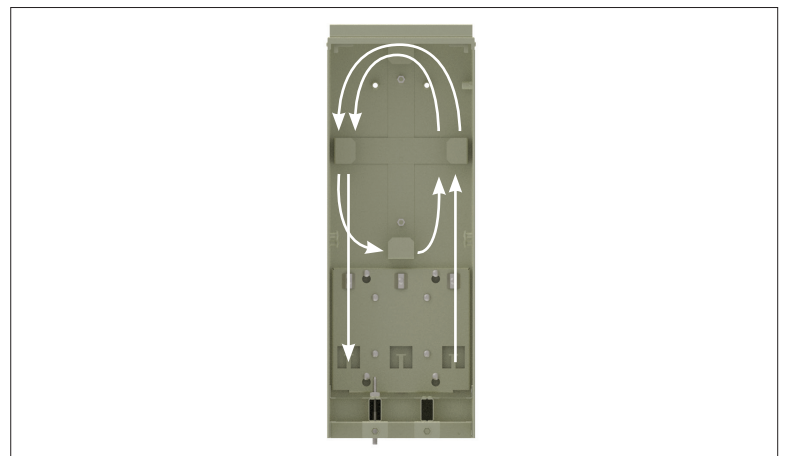


- 13** Attach the shield connector to the ground stud using a grounding jumper (not provided).
 Attach the other end of the ground wire to a suitable ground connection per your company's standard practice.
- NOTE:** If ground isolation of each cable is required jumpers can exit via a 6-hole grommet **Catalog Number: 8004225S**.

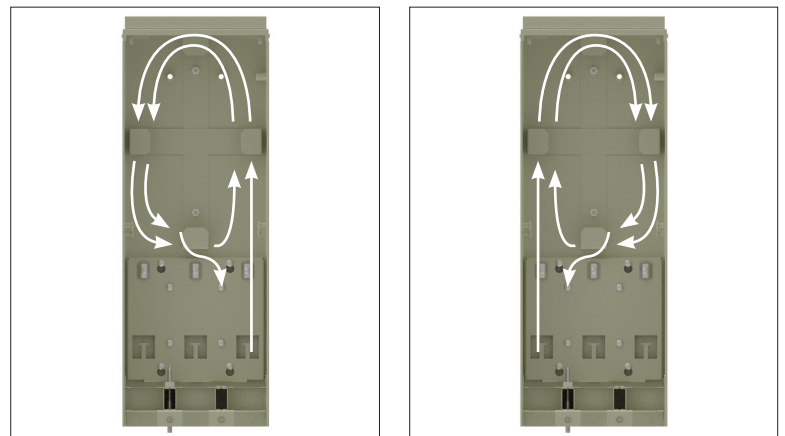


BUFFER TUBE ROUTING

- 14** Route the expressed buffer tube(s) as shown.

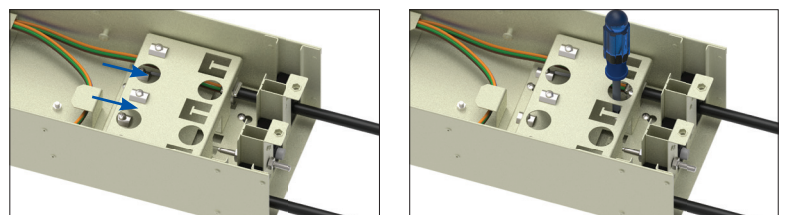


- 15** Route the feed buffer tube(s) with the fibers to be spliced as shown.

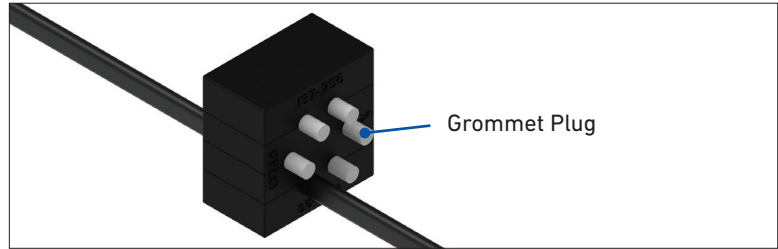


BRANCH/DROP CABLE INSTALLATION

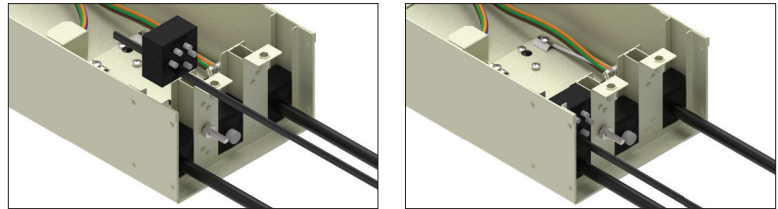
- 16** Reinstall the drop restraint platform into the base by pushing the platform downwards and tightening the screws.



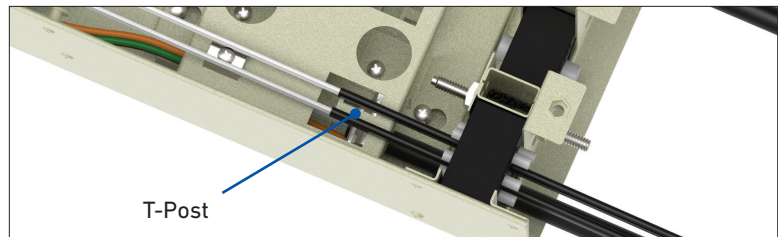
- 17 Install drop/branch cable through pre-slit grommet. Insert a plug into any unused holes in the grommet.



- 18 Position the grommet into the grommet port.

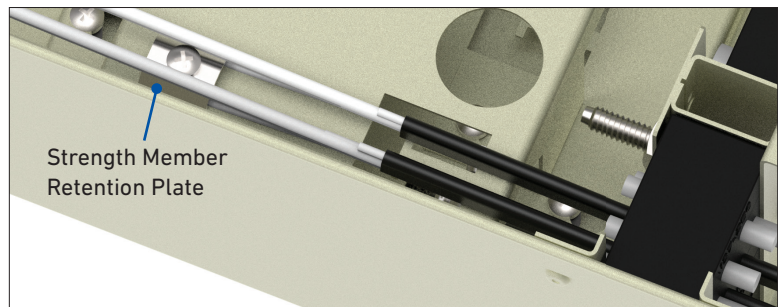


- 19 Align the sheath with the top of the T-Post on the cable restraint platform.

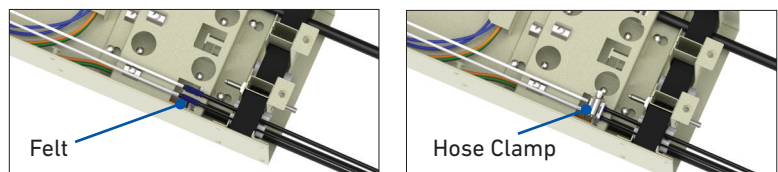


- 20 Trim the strength members just past the strength member retention plate. Secure the strength members under the plate and tighten the screw.

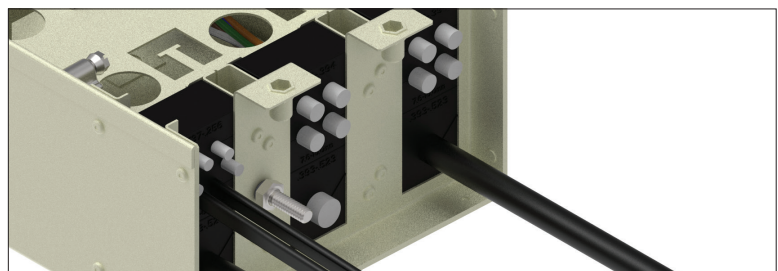
NOTE: For flat drop cables, cut the top strength member as close to the sheath opening as possible.



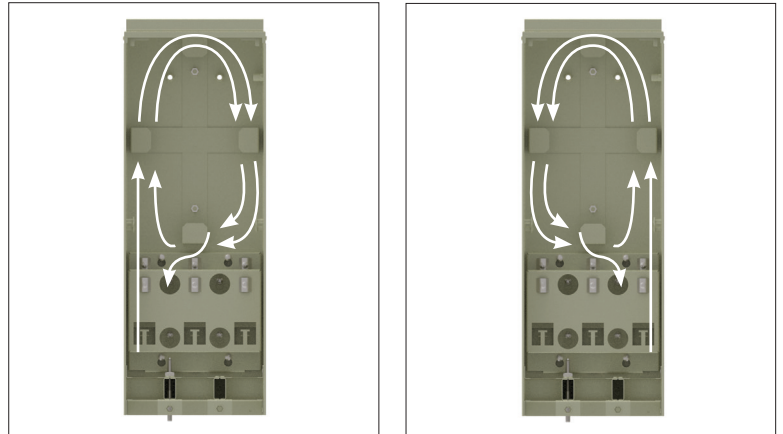
- 21 Secure the drop cables to the platform by wrapping each cable with felt then install a hose clamp.



- 22 Fill all unused grommet ports with plugged grommets for future installations.

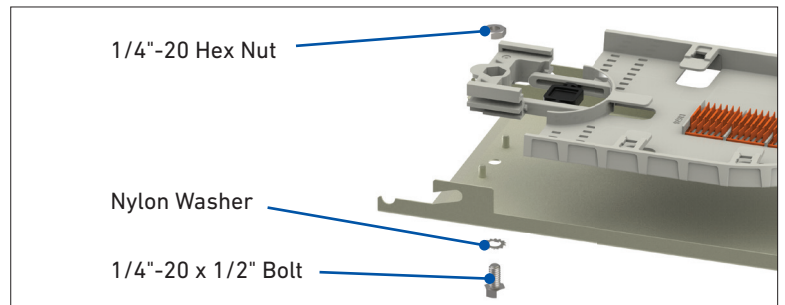


- 23 Route the branch/drop buffer tube(s) as shown.



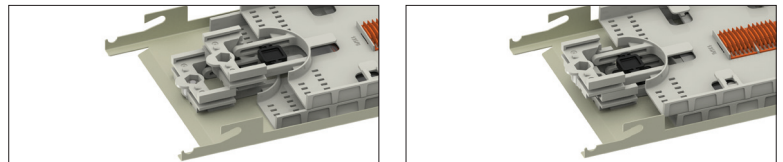
SPLICE TRAY INSTALLATION

- 24 Install the hinge bracket to the splice platform with the 1/4"-20 x 1/2" bolt, nylon washer, and 1/4"-20 hex nut that are provided.



- 25 Slide the hinge bracket of the splice tray into the slots of the hinge bracket of the previous splice tray until it is fully engaged.

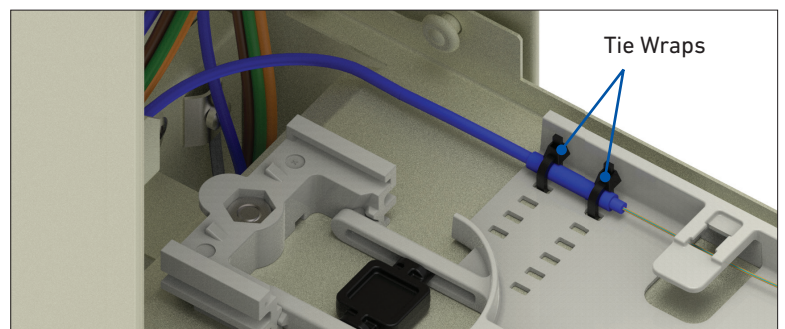
Hinge bracket is fully engaged when it is able to slide past the bottom hinge bracket.



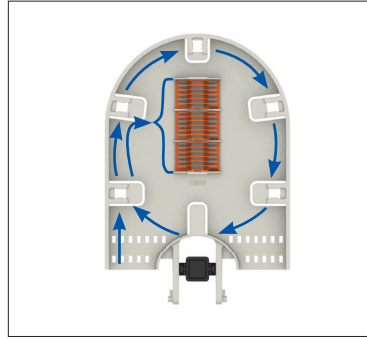
- 26 Install the splice platform by aligning the tabs on the platform with the posts in the base.



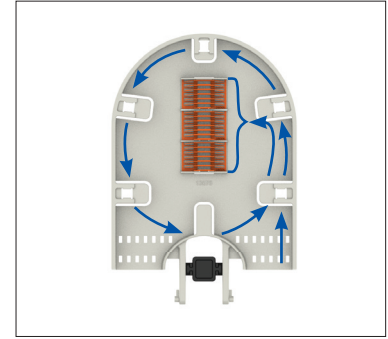
- 27 Wrap the ends of each buffer tube(s) with a piece of felt and secure the tube(s) to the splice trays with tie wraps.



- 28 Route incoming and outgoing fibers in each splice tray as shown.



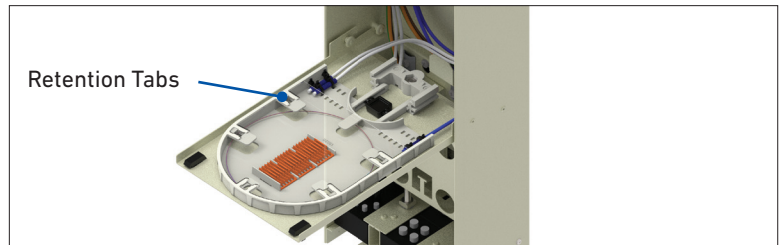
Routing for Incoming
Fiber Splices
Splice 1 - 36



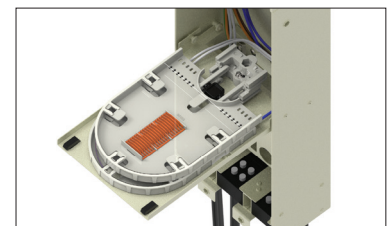
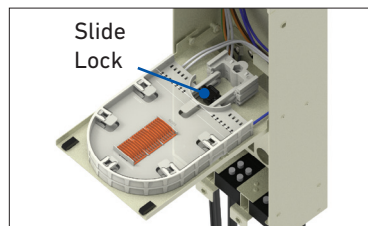
Routing for Outgoing
Fiber Splices
Splice 1 - 36

- 29 Splice the incoming fibers to the outgoing fibers per your accepted company practices.

- 30 Secure the splice tray cover to the tray by firmly pressing the cover into the retention tabs.

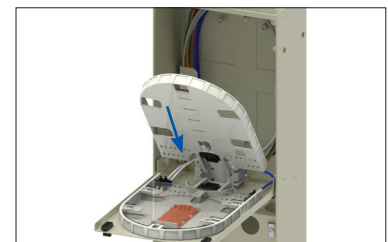


- 31 Shift the slide lock against the splice tray. While holding the slide lock against the splice tray, push the hinge bracket forward toward the base.

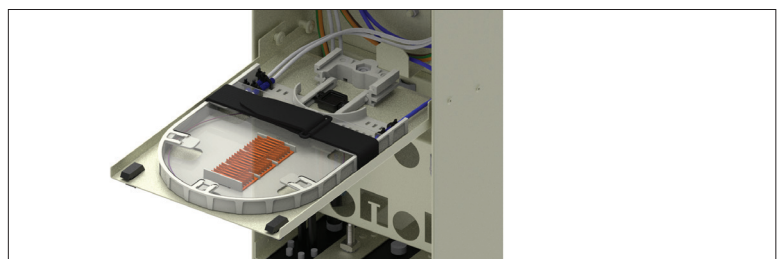


- 32 Rotate the splice tray upwards until it is in the set position in the hinge bracket. Lock the splice tray in the upright position by sliding the slide lock toward the hinge bracket.

NOTE: The slide lock must be in the locked position for each tray that is in the upward position. Do not lock the slide lock for only the bottom splice tray of the stack of splice trays that are in the upward position.

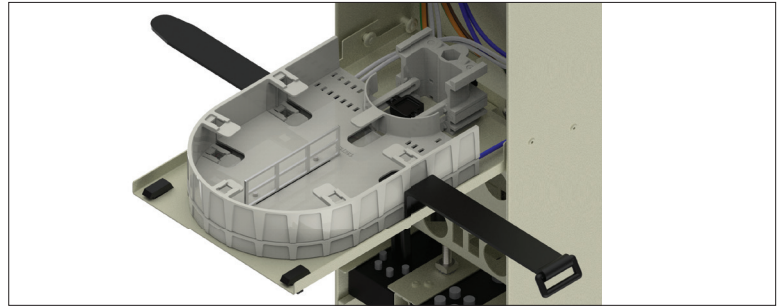


- 33 Secure splice tray(s) with the VELCRO® strap.

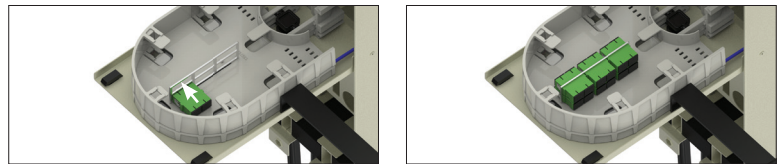


CROSS-CONNECT APPLICATION

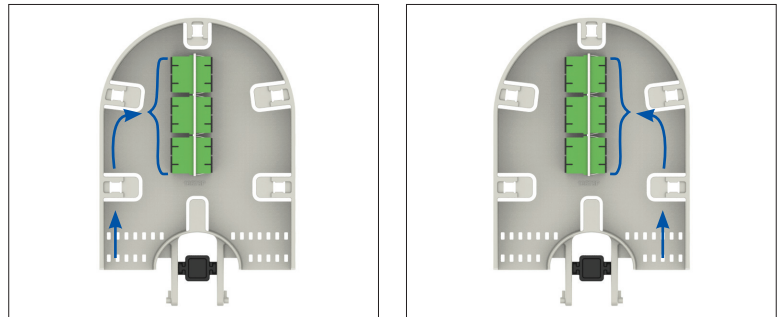
- 34** Install patch tray on top of splice tray by aligning the hinge brackets.



- 35** Install desired quantity of flangeless adapters into patch tray adapter bulkhead.



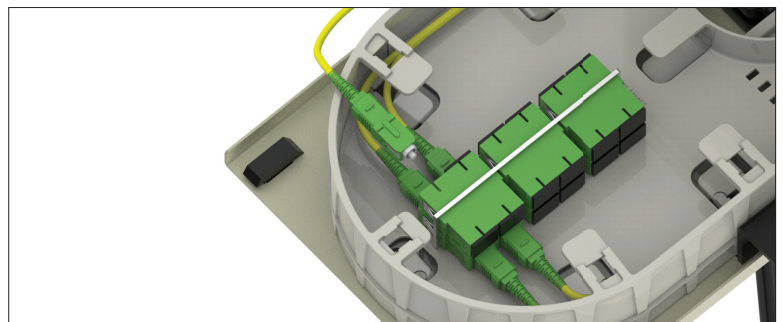
- 36** Route the pigtails to the bulkhead as shown.



Routing for
Incoming Pigtails
Splice 1 - 12

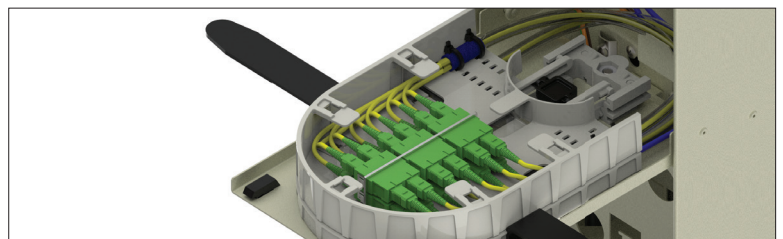
Routing for
Outgoing Pigtails
Splice 1 - 12

- 37** Install the pigtails into the adapter bulkhead per standard company practices.



- 38** Secure pigtails to splice tray using felt and tie wraps. Route to splice tray.

NOTE: Use transport tubing or spiral wrap to route pigtails to the splice tray.

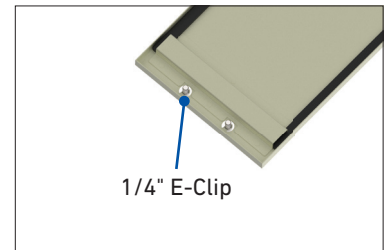
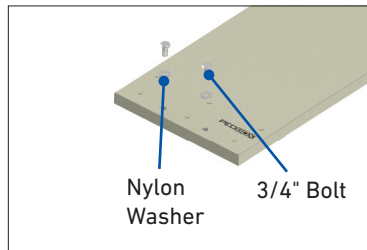


- 39 Hinge the splice tray platform upward until it clicks into place.

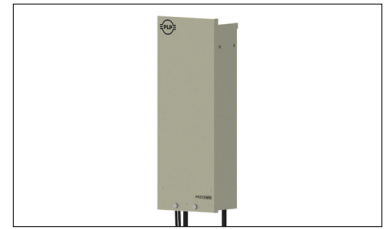


- 40 Install a bolt and nylon washer into the front of the cover. Install a 1/4" E-Clip on the back of the cover to secure the bolt into the cover.

NOTE: Needle nose pliers can be used to ease installation of the E-Clips onto the bolts.

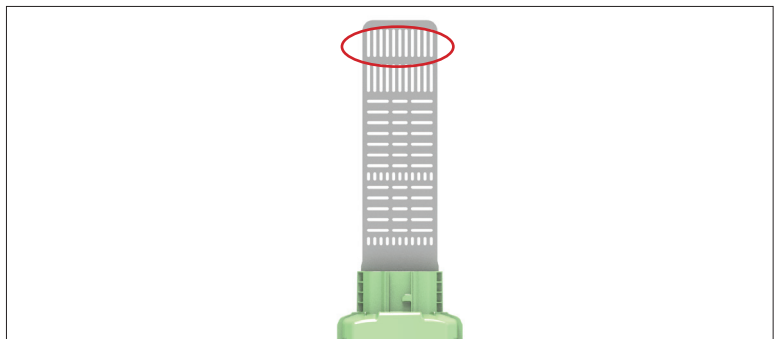


- 41 Secure the cover to the base by placing the cover on the lip of the base and tightening the cover screws.



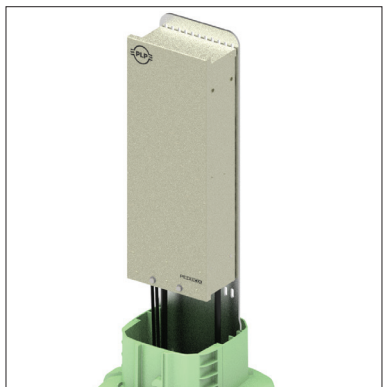
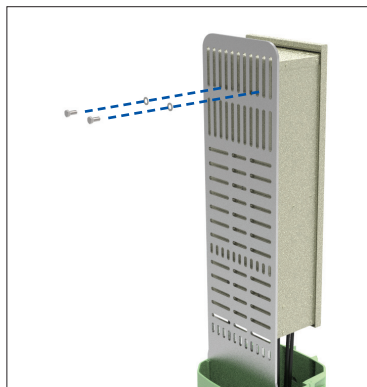
COYOTE 8" PEDESTAL INSTALLATION

- 42 Locate the slots on the COYOTE 8" Metal Back Plane to be used.



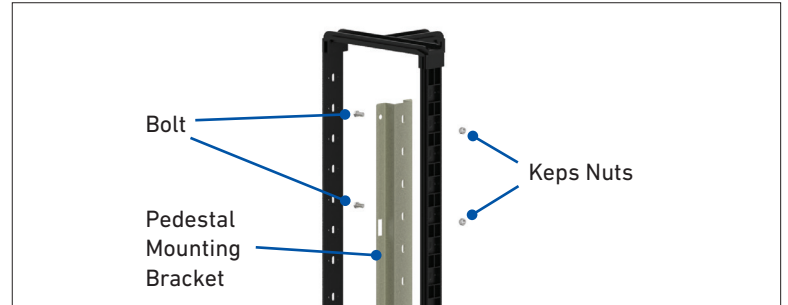
- 43 Secure the COYOTE PedBox directly to the metal back plane using the nylon washers and bolts provided.

NOTE: To prevent insect intrusion, install bolts with nylon washers into any unused mounting locations.



PEDESTAL MOUNTING BRACKET INSTALLATION

- 44** Install the mounting bracket to the back or side of the pedestal using the Keps nuts and bolts provided.

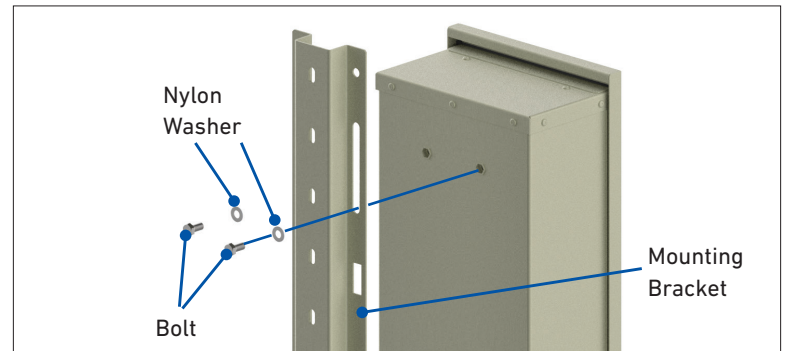


- 45** Secure the COYOTE PedBox™ to the mounting bracket using the nylon washers and bolts provided.
- NOTE:** To prevent insect intrusion, install bolts with nylon washers into any unused mounting locations.



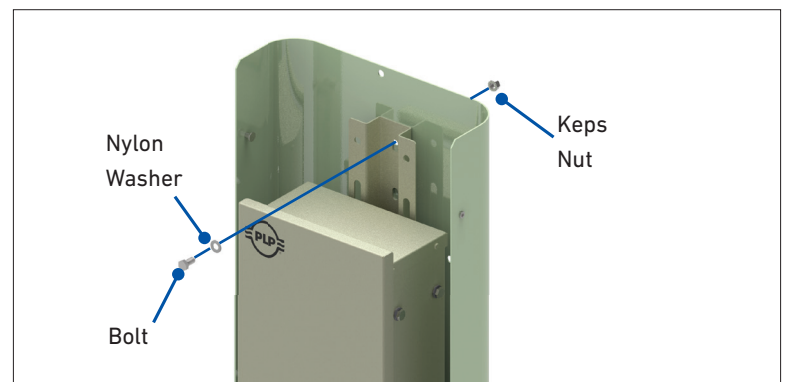
METAL PEDESTAL MOUNTING BRACKET INSTALLATION

- 46** Install the mounting bracket to the back of the PedBox using the bolts and nylon washers provided. Make sure to install the mounting bracket to the PedBox using the slots in the bracket.



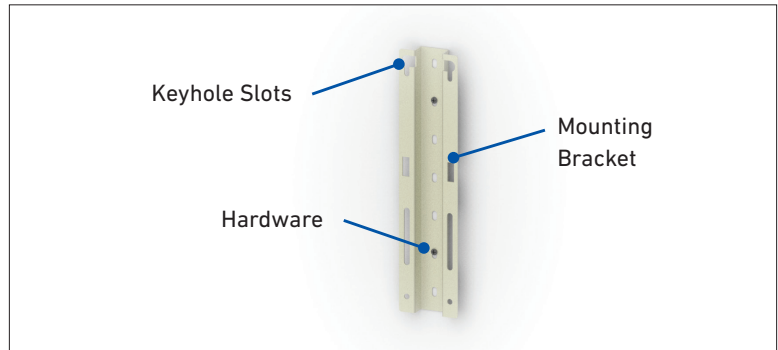
- 47** Locate an attachment point in the metal pedestal. Attach the PedBox with the mounting bracket to the pedestal using the bolt, nylon washer, and Keps nut provided.

NOTE: To prevent the intrusion of insects, install bolts with nylon washers into any unused mounting locations.

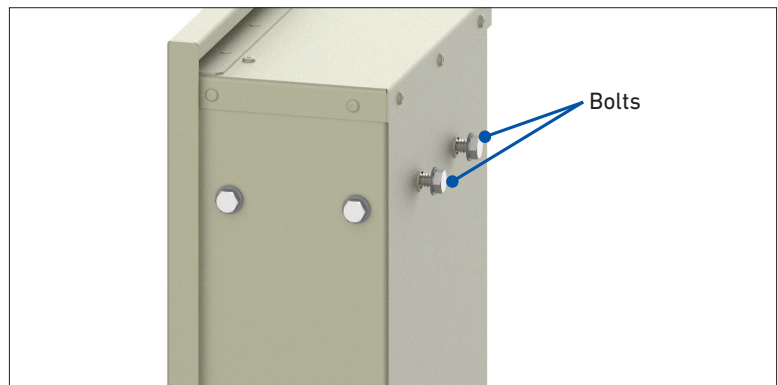


WALL MOUNTING BRACKET INSTALLATION

- 48** Install the mounting bracket to the desired surface using standard hardware (not provided). Ensure that the keyhole slots are located at the top of the mounting bracket prior to installation.

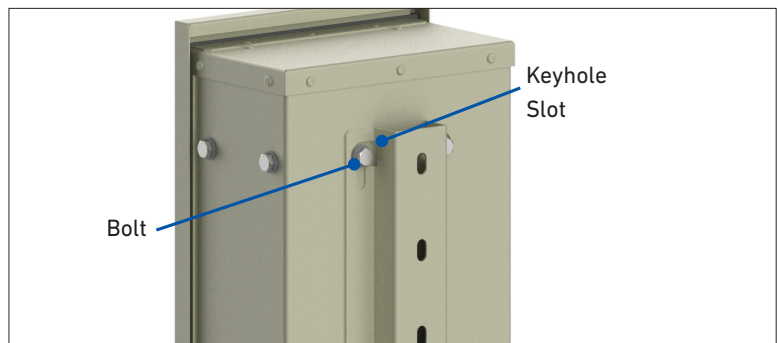


- 49** Pre-install the bolts, leaving a 1/4" space between the back of the PedBox and the bolt.






- 50** Install the bolts into the keyholes on the bracket and slide the box downwards. Tighten the pre-installed bolts. (Image shown not mounted for clarity)

NOTE: Tighten the bolts using a 7/16" combination wrench.



APPENDIX A

COYOTE® Splice Tray Capacity Chart for COYOTE PedBox

PLP Catalog Number	Description	Image	Splice Type	Max Trays per Closure	Closure Max Splice Capacity
80814403	Short Thin Profile Flip Tray (36 CT.)		Single Fusion (Double Stack)	3	108
80814403	Short Thin Profile Ribbon Flip Tray (144 CT.)		Mass Fusion/Ribbon	3	432
80814404	Short Deep Profile Ribbon Flip Tray (144 CT.)		Mass Fusion/Ribbon	1	144

APPENDIX B

COYOTE® Closure Kits for COYOTE PedBox

PLP Catalog Number	Description
80061728	COYOTE PedBox - Includes (2) 1-Hole Grommets 0.393" - 0.523", (3) 1-Hole Grommets 0.524" - 0.649", (1) 6-Hole Grommet 0.137" - 0.256" & Flat Drop Cable and (1) Thin Profile Single Fusion Splice Tray, 36 CT. Single Fusion or 144 CT. Mass Fusion
80061729	COYOTE PedBox - Includes (3) 1-Hole Grommets 0.393" - 0.523", (2) 4-Hole Grommets 0.296" - 0.394", (1) 6-Hole Grommet 0.137" - 0.256" & Flat Drop Cable and (1) Thin Profile Single Fusion Splice Tray, 36 CT. Single Fusion or 144 CT. Mass Fusion







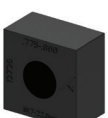



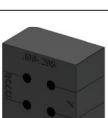

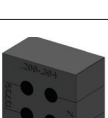
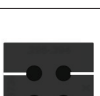
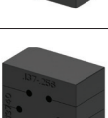
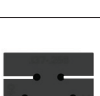
APPENDIX C

Accessory Kit for COYOTE® PedBox

PLP Catalog Number	Description
80814289	Short Deep Profile Patch Tray, 12 SC or 24 LC
80803989	Shield Connector
8004095	Heat Shrink Splice Protector Kit - Includes (50) 40 mm Single Fusion
8003717	Heat Shrink Splice Protector Kit - Includes (50) 60 mm Single Fusion
8004160	Heat Shrink Splice Protector Kit - Includes (50) 40 mm Mass Fusion
80813988	Adapter Kit - Includes (6) SC/APC Flangeless Duplex Adapters
80813989	Adapter Kit - Includes (6) SC/UPC Flangeless Duplex Adapters
80813990	Adapter Kit - Includes (6) LC/APC Flangeless Quad Adapters
80813991	Adapter Kit - Includes (6) LC/UPC Flangeless Quad Adapters
COYTRM-2PK-SCA-SB	Pigtail Kit - Includes (2) SC/APC 2 mm Jacketed Pigtails with Short Boot Connectors
COYTRM-2PK-SCU-SB	Pigtail Kit - Includes (2) SC/UPC 2 mm Jacketed Pigtails with Short Boot Connectors
COYTRM-4PK-SCA-SB	Pigtail Kit - Includes (4) SC/APC 2 mm Jacketed Pigtails with Short Boot Connectors
COYTRM-4PK-SCU-SB	Pigtail Kit - Includes (4) SC/UPC 2 mm Jacketed Pigtails with Short Boot Connectors
COYTRM-4PK-LCA-SB	Pigtail Kit - Includes (4) LC/APC 2 mm Jacketed Pigtails with Short Boot Connectors
COYTRM-4PK-LCU-SB	Pigtail Kit - Includes (4) LC/UPC 2 mm Jacketed Pigtails with Short Boot Connectors

APPENDIX D

COYOTE® Grommet Chart for COYOTE PedBox

PLP Catalog Number	Cable	Description	Image	Pre-Slit Location
	in (mm)			
8004218S	0.393" - 0.523" (10.0 - 13.3 mm)	1-entry grommet		
8004219S	0.524" - 0.649" (13.3 - 16.5 mm)	1-entry grommet		
8004220S	0.650" - 0.774" (16.5 - 19.7 mm)	1-entry grommet		
8004221S	0.775" - 0.899" (19.7 - 22.8 mm)	1-entry grommet		
8004222S	0.900" - 1.024" (22.8 - 26.0 mm)	1-entry grommet		
8004223S	0.196" - 0.295" (5.0 - 7.5 mm)	4-entry grommet		
8004224S	0.296" - 0.394" (7.5 - 10.0 mm)	4-entry grommet		
8004225S	0.137" - 0.256" (3.5 - 6.5 mm) and Flat Drop	6-entry grommet		





GLOBAL HEADQUARTERS
660 BETA DRIVE
CLEVELAND, OH 44143

+1 440 461 5200
INFO@PLP.COM
PLP.COM