

CONTENTS:

1 - ENCLOSURE	8 - #12-24 X 1/2" SCREWS	1 - FIBER CAUTION LABEL	8 - Pan Ty Cable Ties
20- Tak-Tys, 6" pcs	8 - M6 X 1.0 X 15mm SCREWS	1 - LASER WARNING LABEL	16 - #10-32 X 1/4" SCREWS
1 - Sheet of C125X030FJJ LABELS			

WARNING: UNMATED CONNECTORS MAY EMIT INVISIBLE LASER RADIATION. DO NOT LOOK DIRECTLY INTO THE END OF THE CONNECTOR. DO NOT INSPECT WITH MAGNIFYING DEVICES. MAINTAIN DUST CAPS ON UNMATED CONNECTORS.

CAUTION:

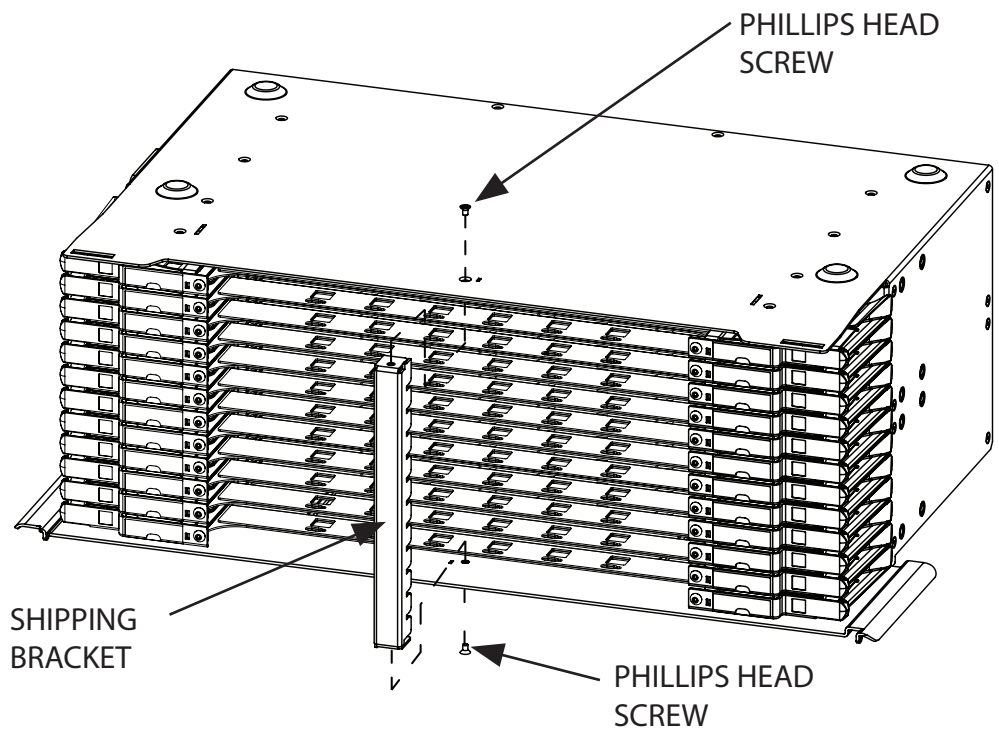
Fiber optic cable is sensitive to excessive pulling, bending, and crushing forces. Consult the manufacturer's cable specification sheet for the specific cable in use.

Follow TIA/EIA-568-A, 569, 606, and 607 installation guidelines where applicable.

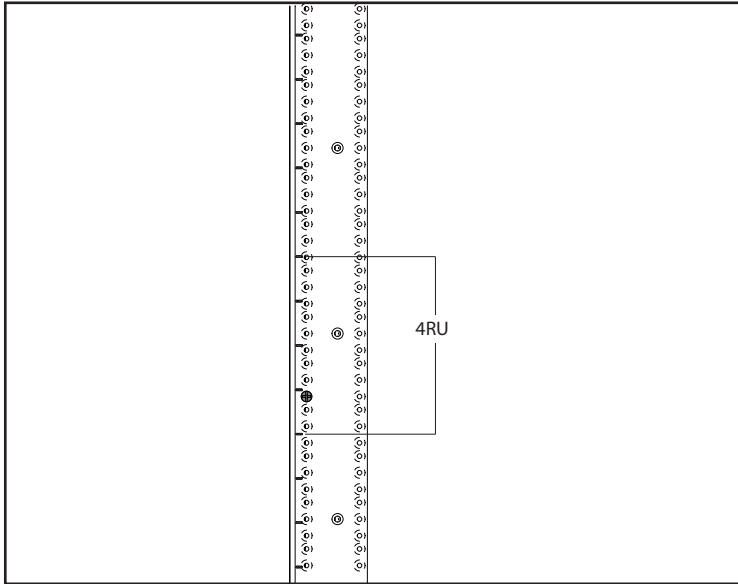
Care should be taken when opening or closing a fully loaded drawer in order to protect the fiber components.

SHIPPING BRACKET REMOVAL

Remove shipping bracket, by un-screwing the phillips head screws on the top and bottom of the enclosure.



Preparation and Rack Mounting

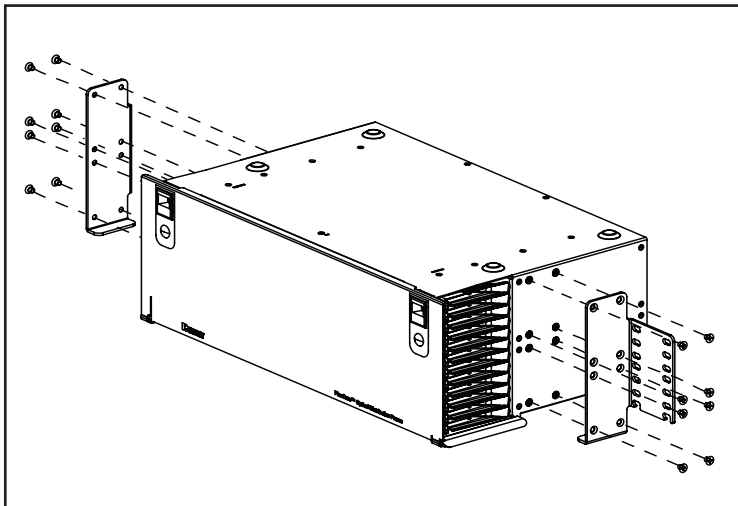


If RU space is open above enclosure location, partially install two screws, one on each side of the rack. These partially installed screws will assist in mounting the enclosure to the rack.

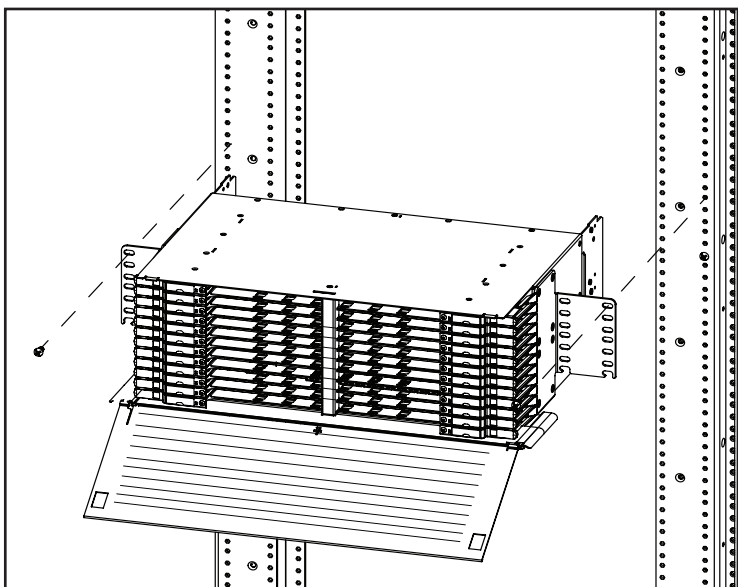
Pre-install two screws in the top hole location of the bottom most RU in the rack position desired.

If RU space is not open above enclosure location, do not pre-install screws. Place enclosure into position and secure with a minimum of four screws.

Option 1: Pre-Install Screws to Enclosure



Install mounting brackets using (16) #10-32 X 1/4 Flat head screws

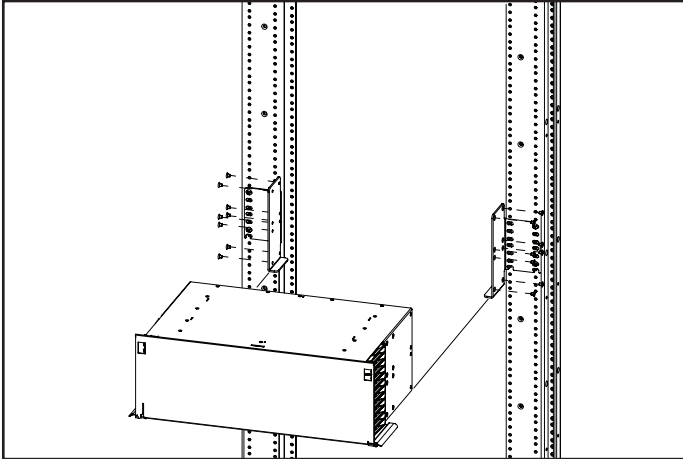


For the pre-installed screws mounting method, place enclosure into rack from the front and allow enclosure mounting brackets to rest on the partially installed screws.

The enclosure door needs to be open to access all screw hole mounting locations. To open door, hold latches down and swing door open.

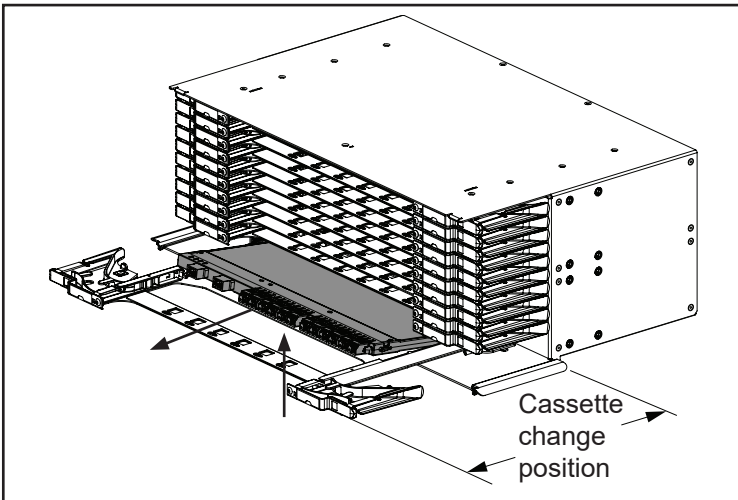
Install the remaining screws and tighten all to secure the enclosure. Use a minimum of four screws.

Option 2: Pre-Install Mounting Brackets to Rack



Alternatively, the 2 mounting brackets can be pre-installed to the rack. Carefully slide the enclosure onto the bottom horizontal flange of each mounting bracket. Then secure 8 screws thru each mounting bracket to the enclosure.

FlexCore™ Cassette Installation and Replacement (all cassettes sold separately)

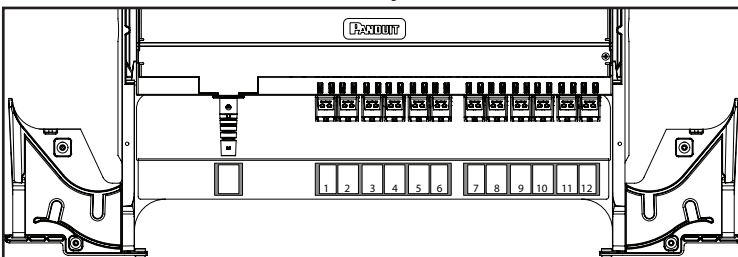


Cassettes can be installed and removed from the front of the enclosure as needed for replacement or migration. Open door and slide tray out slowly until it clicks into the second stop position, the cassette change position. Disconnect patch cords from the front of the cassette if replacing/removing cassette. Lift cassette up from the front to disengage it from the tray and remove.

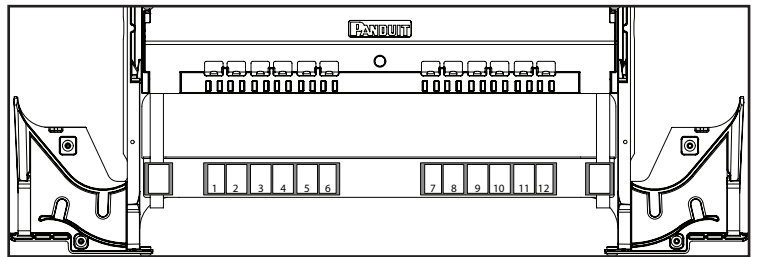
FlexCore™ Cassette Labeling
(labeling provided with Cassettes)

Clean tray surface with alcohol. Install labels onto tray surface shown according to cassette purchased.

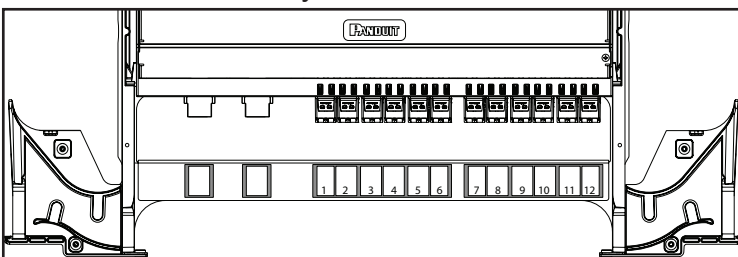
LC-to-Tethered Cassette Style



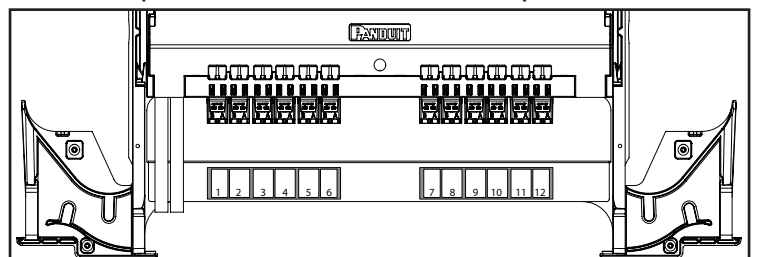
Fusion Splice Cassette without LC Adapters



LC-MPO Cassette Style

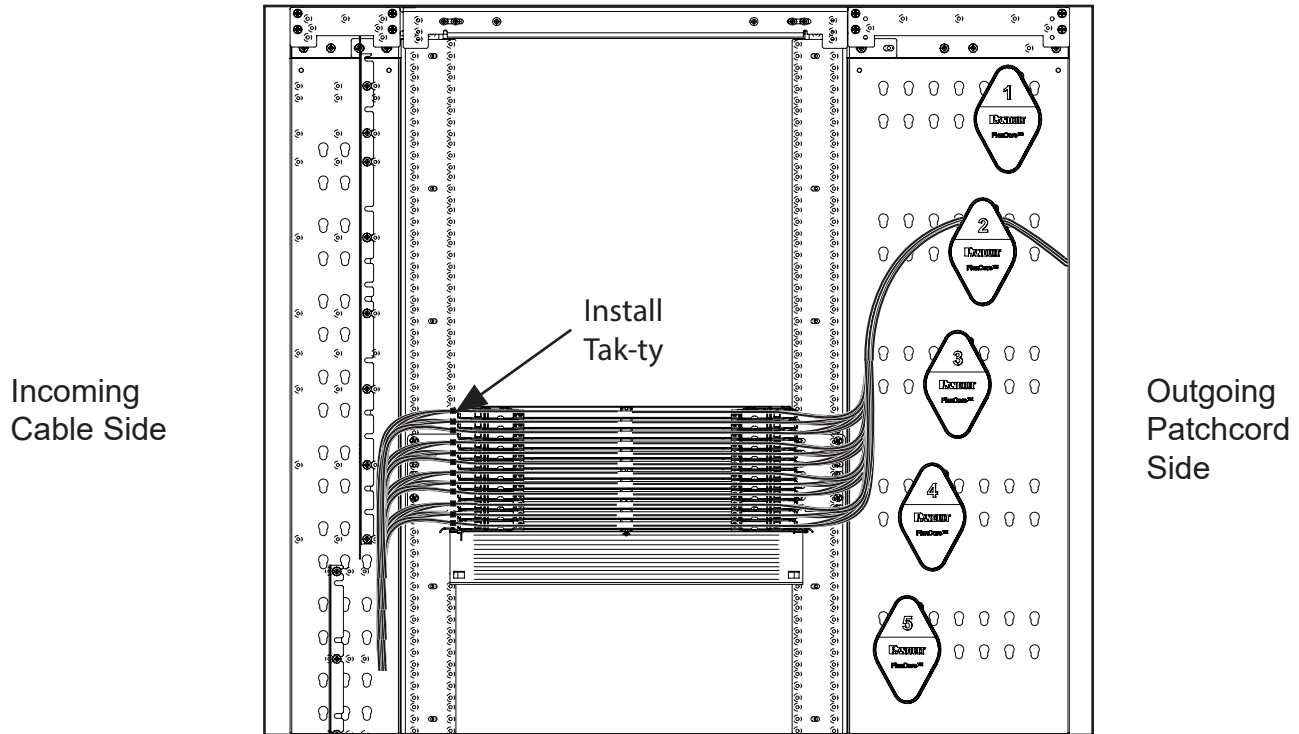


Fusion Splice Cassette with LC Adapters



For Technical Support: www.panduit.com/resources/install_maintain.asp

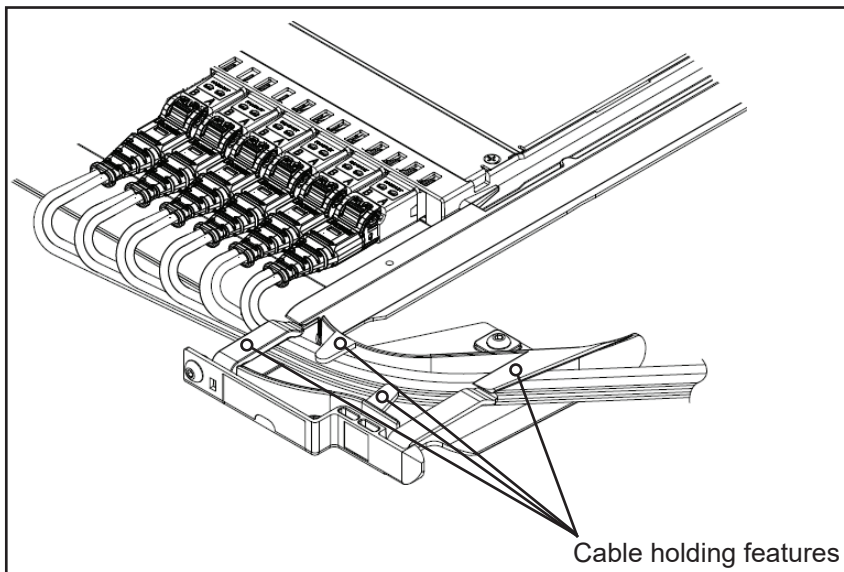
Install Patch Cords and Cabling



In the configuration shown above, install patch cords into the front of the cassettes working from left to right, starting with the bottom most tray. It is recommended to populate each tray across before moving to the next tray above. Route patch cord upward to corresponding spool. Repeat process until all patch cabling is installed.

Install pieces of Tak-ty around all incoming cable in positions shown above close to tray cable manager. Group together all incoming cables going to each cassette. Installing Tak-ty in this position will eliminate any snagging of cables when cycling trays to access cassettes. If cabling must be routed horizontally, instead of upward, it is recommended to install Tak-ty to bottom three trays of patch cords.

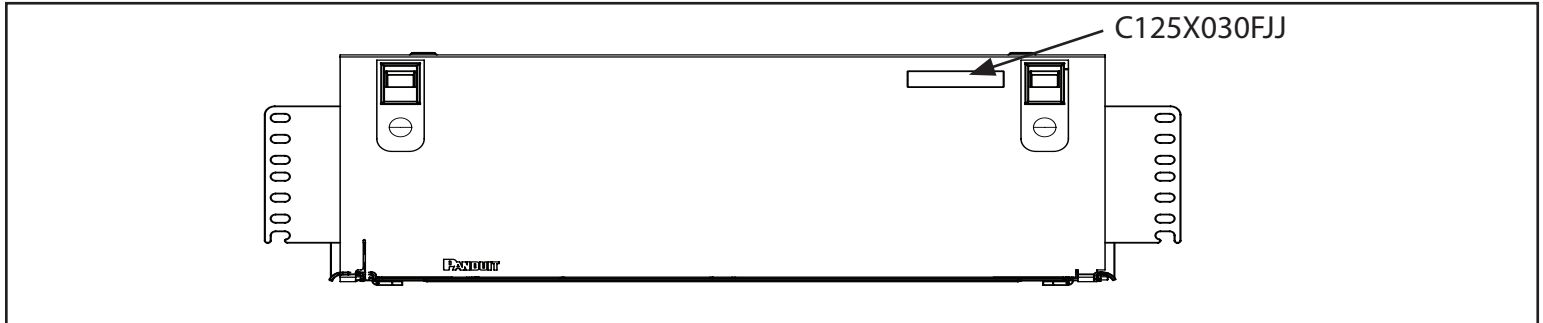
Cable Routing



Route the cables under the cable holding features, as shown.

Labeling

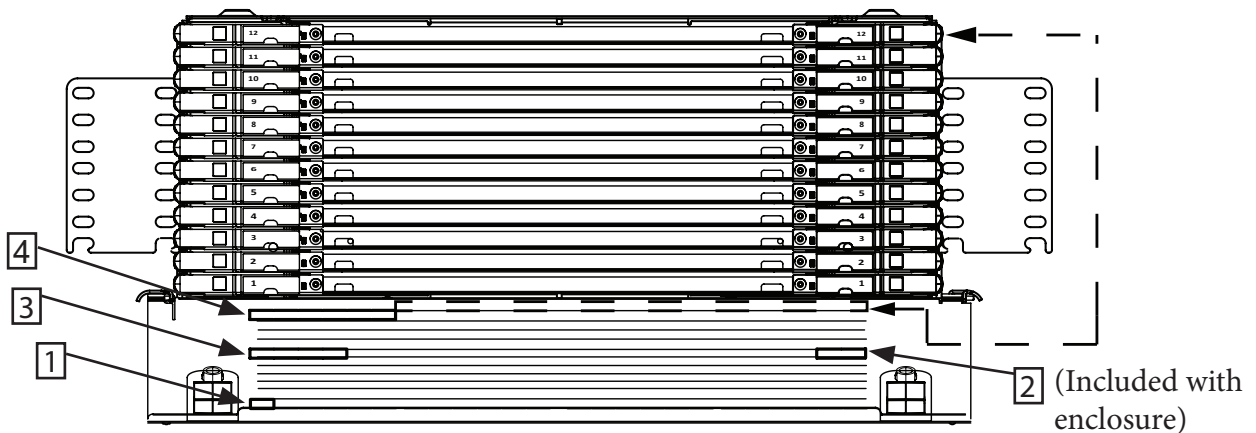
Labeling options for the HD Flex Fiber Enclosures allow for identification to follow the EIA606-B labeling standards. Panduit labels, used in conjunction with Panduit Easy-Mark Labeling Software, simplifies label creation and allows for ease of editing and label replacement when necessary. Blank label part # C125X030FJJ (provided with enclosure) may be applied to the front of the door for enclosure identification - shown below is a view of this label installed in the upper-right hand corner of the enclosure.



Apply the 12 sets of pre-printed part # C125X030FJJ labels provided to both sides of each tray. Cassette port numbers may be printed onto these tray labels. Tray 1 is shown below as the lowermost tray and tray 12 is on the topmost tray. Optionally, tray 1 can be the topmost tray.

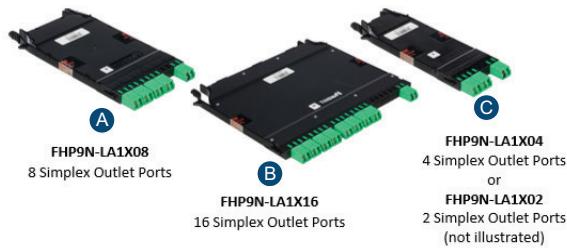


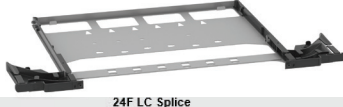
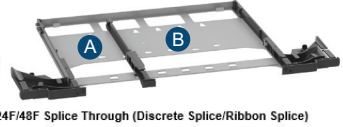
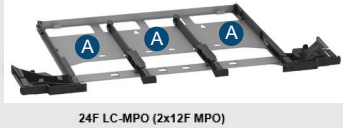
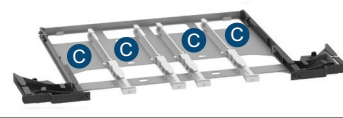
Blank part # C125X030FJJ labels provided may be applied to the inside of the front door - these labels coincide with the tray and port labeling previously installed above. The labeling layout for the enclosure is shown below for typical application. Panduit label part #C061X030FJJ [1] can be used for single port identification, Panduit label part # C125X030FJJ [2] (included with enclosure) can be placed in this area, Panduit label part # C252X030FJJ [3] for 4-port application, and Panduit label part # C379X030FJJ [4] for 6-port identification. Position the door labels across the spaces that correlate to the respective vertical tray position.



For Technical Support: www.panduit.com/resources/install_maintain.asp

Tray Rails for Modular Cassette Installation (Rails Sold Separately)



FlexCore™ Field Adjustable Tray	Compatibility
 <p>24F LC Splice</p>	Without rails Accepts all FlexCore™ Cassettes
 <p>24F/48F Splice Through (Discrete Splice/Ribbon Splice)</p>	1 x Rail *Accepts HD Flex™ Cassettes FLEX-RAIL01EN: FlexCore™ 1 Black Rails Kit
 <p>24F LC-MPO (2x12F MPO)</p>	2 x Rails *Accepts HD Flex™ Cassettes FLEX-RAIL02EN: FlexCore™ 2 Black Rails Kit
	4 x Rails *Accepts HD Flex™ Cassettes FLEX-RAIL04EN: FlexCore™ 4 White Rails Kit

**IMPORTANT: HD Flex™ cassettes with front facing connectivity only, no rear facing connectors*

Rail Removal and Installation

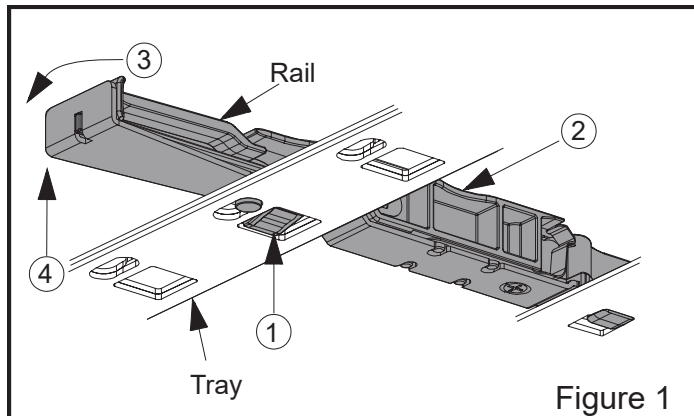


Figure 1

RAIL REMOVAL STEPS (See Figure 1)

1. Depress latch upward from underneath.
2. Grip by finger rail grips.
3. Push rail to the left.
4. Lift rail up and away from enclosure.

RAIL INSTALLATION STEPS (IF APPLICABLE) (See Figures 2 and 3)

5. Hold the bottom of the tray while installing the rail to the tray.
6. Engage triangular rail latch feature A into triangular opening B in tray.
7. While holding finger rail grips, install round rail feature C into slot opening D.
8. Push rail to the right to engage latch.
9. Verify central rail latch feature E is engaged.
10. Apply applicable port I.D. labels as needed.
11. Push tray back into the enclosure to the home position.

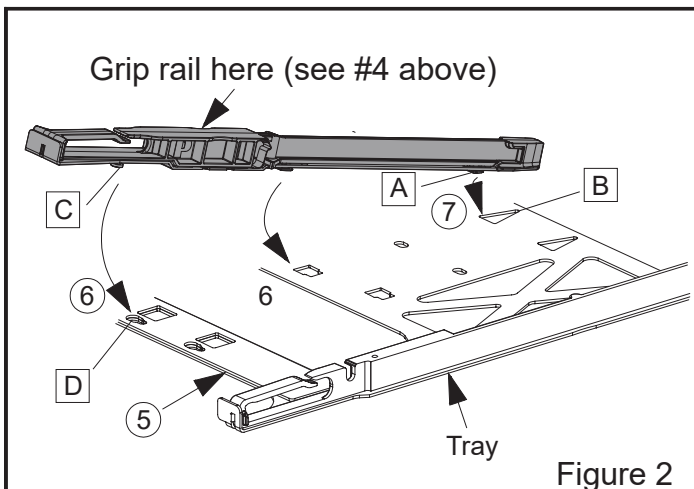


Figure 2

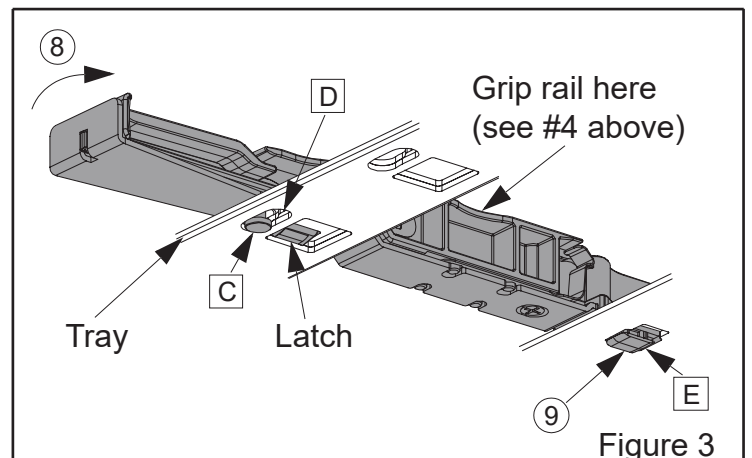
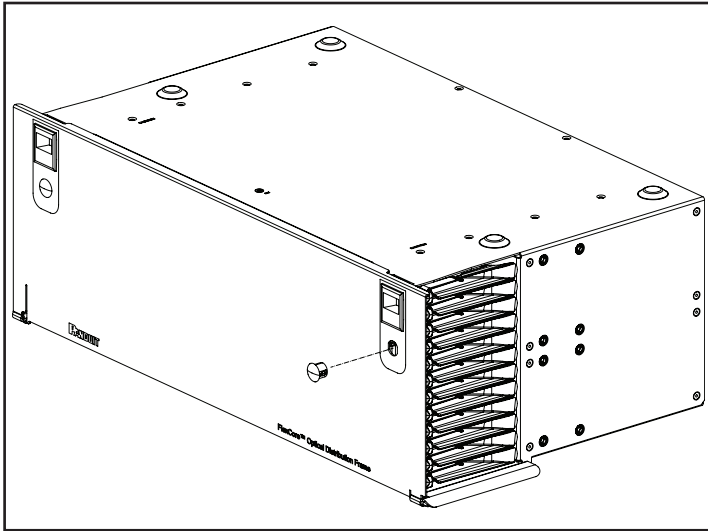


Figure 3

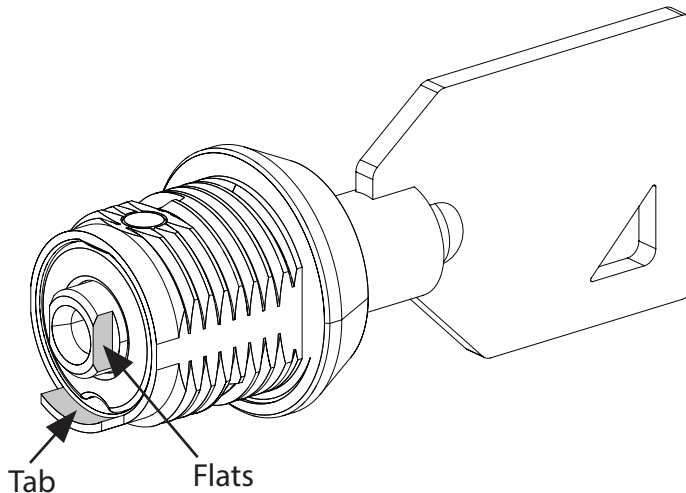
For Technical Support: www.panduit.com/resources/install_maintain.asp

Door Lock Installation

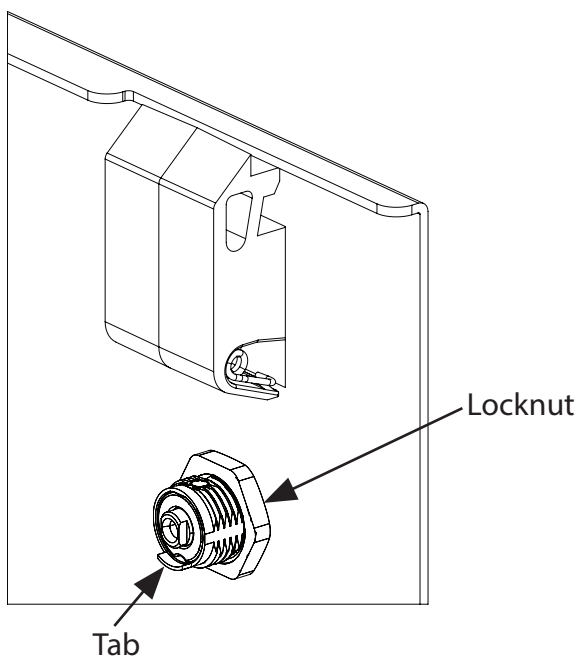
The optional locking kit (Panduit part number FDFELS) is sold separately as a kit which includes two locks



Remove the plug in the door to exposed the lock hole. The lock can be installed on either or both sides of the door.

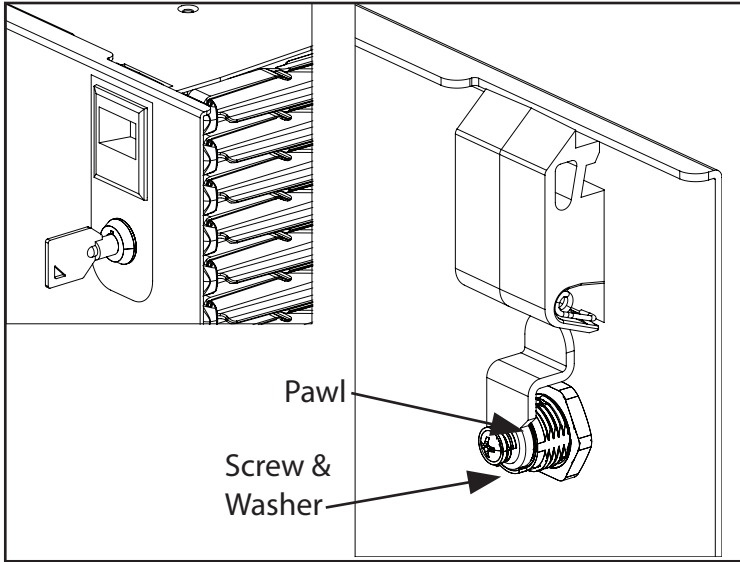


Rotate the key to align the flats of the cylinder with the tab of the lock body. Verify that the key can be removed. If the key cannot be removed in this orientation, rotate the key 180 degrees and verify that the key can be removed.



On the rear door surface, install the lock in the lock hole, with the tab of the lock body in the bottom position, as shown. Secure the lock with with the locknut.

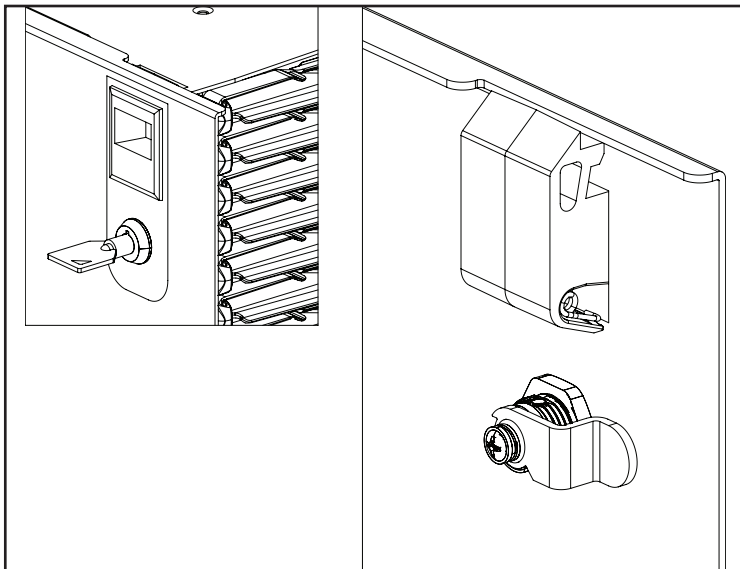
Locked Position



Install the pawl onto the flats of the cylinder and secure with the screw and washer.

Note: The key can only be removed in the locked position.

Unlocked Position



FlexCore™ System Installation Instructions

Installation Instruction Number	Panduit Part Number	Description
FS190	FDF45**	FlexCore™ Optical Distribution Frame
FS191	FDVCM1545**	FlexCore™ 150mm Vertical Cable Manager
FS192	FDVCM3045**	FlexCore™ 300mm Vertical Cable Manager
FS193	FDF45**X**	FlexCore™ Single Hinge Front Doors
FS194	FDFEP45**	FlexCore™ End Panels
FS198	FDUSP	FlexCore™ Fiber Spool
FS199	FDUSP6	FlexCore™ Fiber Spool 6-pack Color Coordinated Kit
FS200	FDS**-24-***	FlexCore™ Fusion Splice Cassette - Cable to LC Adapter
FS201	FDSN-24	FlexCore™ Fusion Splice Cassette - Cable to Cable
FS203	FDFUE4**	FlexCore™ 4RU Universal Enclosure
FS204	N/A	FlexCore™ Front Access Optical Distribution Frame Patchcord Routing Guide
FS205	FDFRC45**	FlexCore™ Frame Rear Panel
FS206	N/A	FlexCore™ Front Access Ingress/Egress Cabling Guide

For Instructions in Local Languages
and Technical Support:

www.panduit.com/resources/install_maintain.asp

PANDUIT

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