

CONTENTS: (#) indicates FMT2A quantity

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| 4 - #12-24 x 1/2" SCREWS | 2 - ADHESIVE BACKED MOUNTS | |
| 4 - M6 x 1 SCREWS | 4 - <i>TAK-TYs</i> (6" pcs.) | |
| 3 - #10 FLAT WASHERS | 2 - SLACK SPOOLS (FMS1 or FMS2) | |

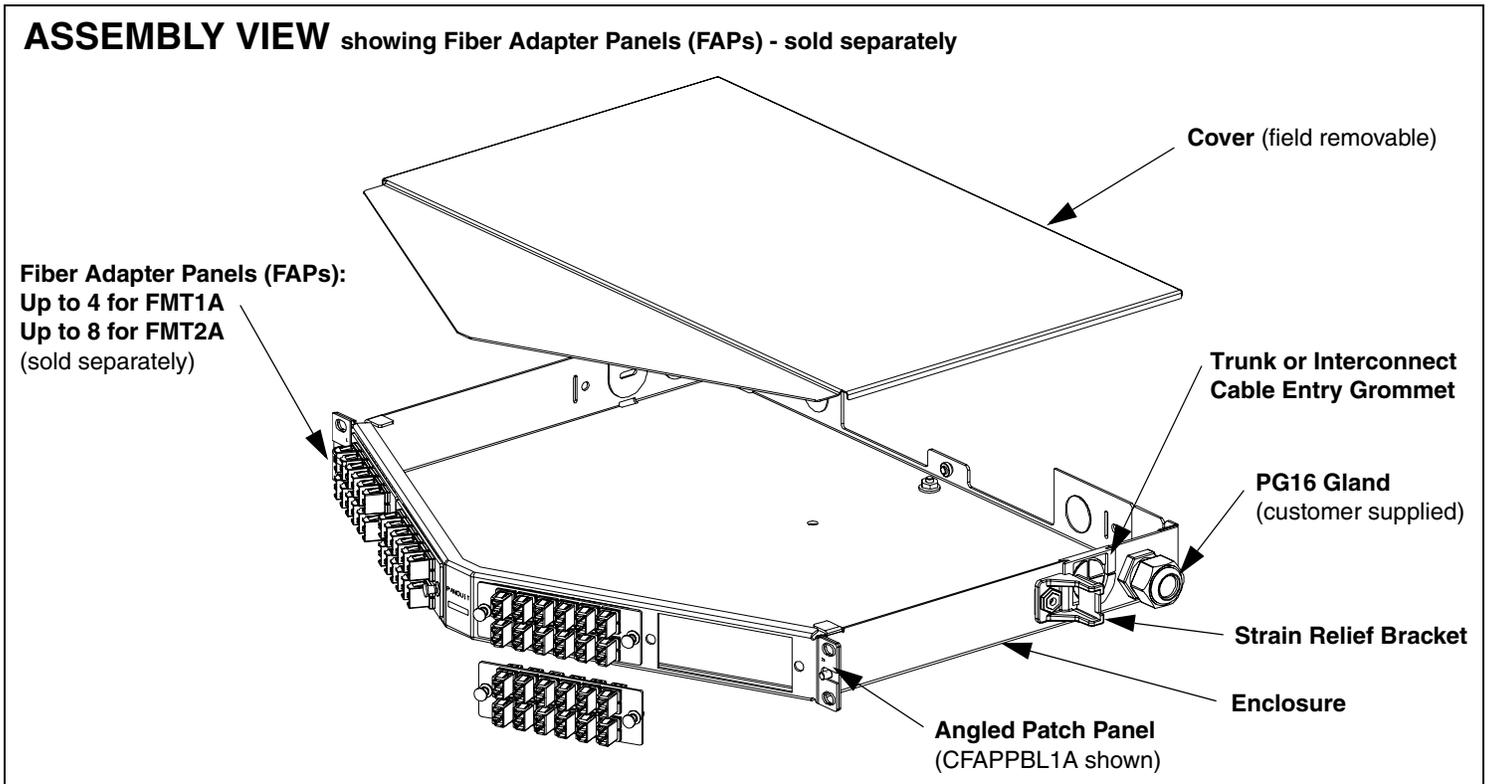
WARNING: UNMATED CONNECTORS MAY EMIT INVISIBLE LASER RADIATION. DO NOT LOOK DIRECTLY INTO THE END OF THE CONNECTOR. DO NOT INSPECT WITH MAGNIFYING DEVICES. MAINTAIN CAP ON UNMATED CONNECTORS.

CAUTION:

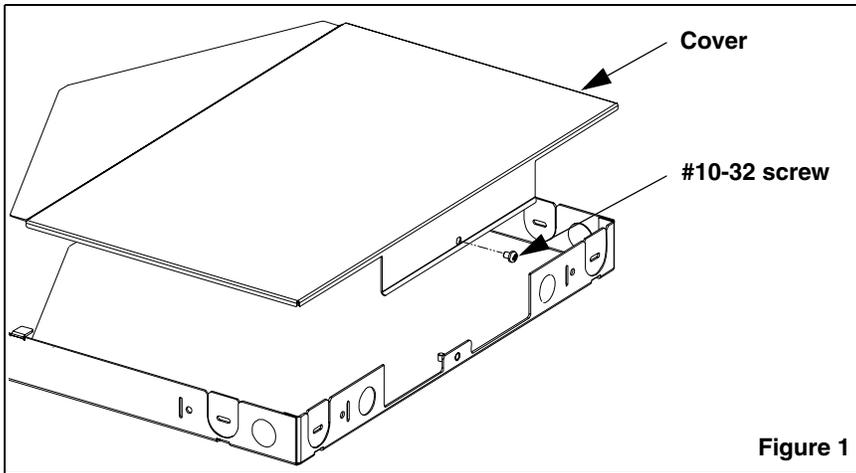
Fiber optic cable is sensitive to excessive pulling, bending and crushing forces. Consult the manufacturer's cable specification sheet for the specific cable in use.

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

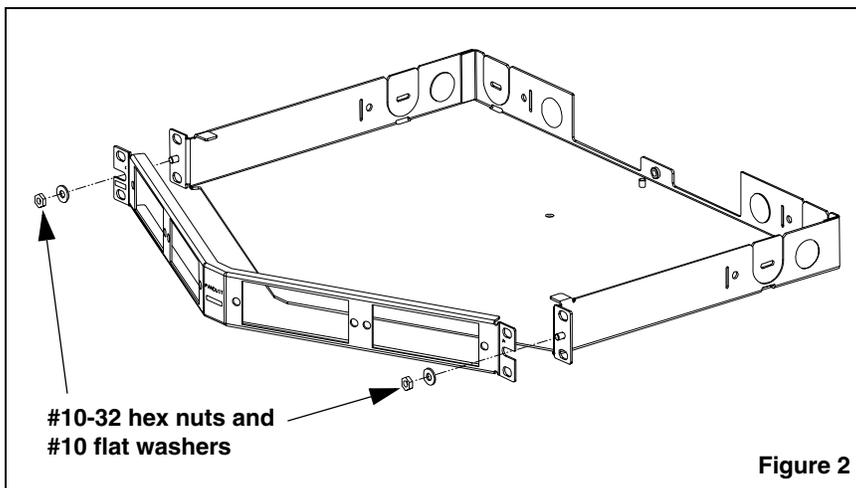
Care should be taken when opening and closing fully loaded drawer in order to protect fiber components.



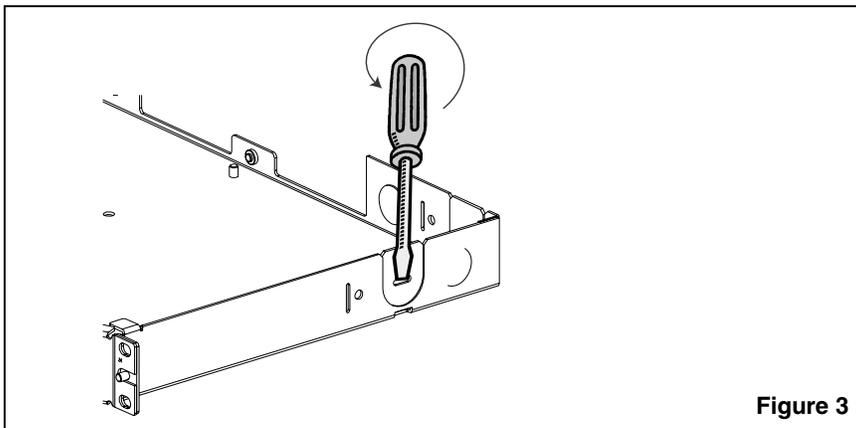
Preparation and Rack Mounting



To remove the cover, unscrew the #10-32 screw, slide the cover back, lift up and off.

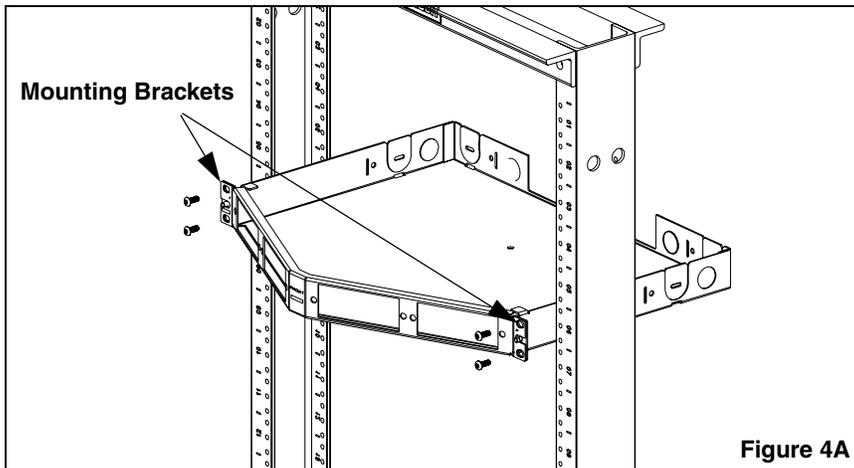


Attach the angled patch panel to the enclosure with (2) #10 flat washers and (2) #10-32 hex nuts.

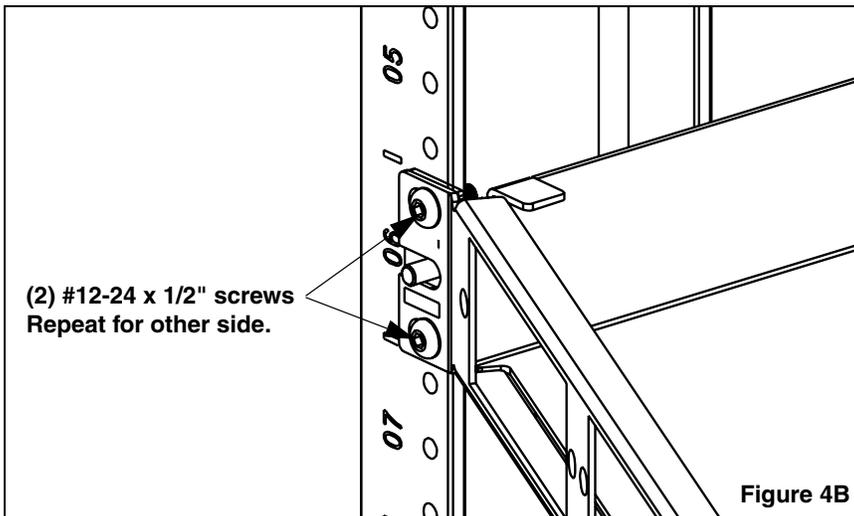


Determine where the cable will enter the enclosure. Carefully remove the knock-out so as not to damage the surrounding sheet metal.

DO NOT install the grommet at this stage. Grommet will be installed after the enclosure is mounted to the rack.

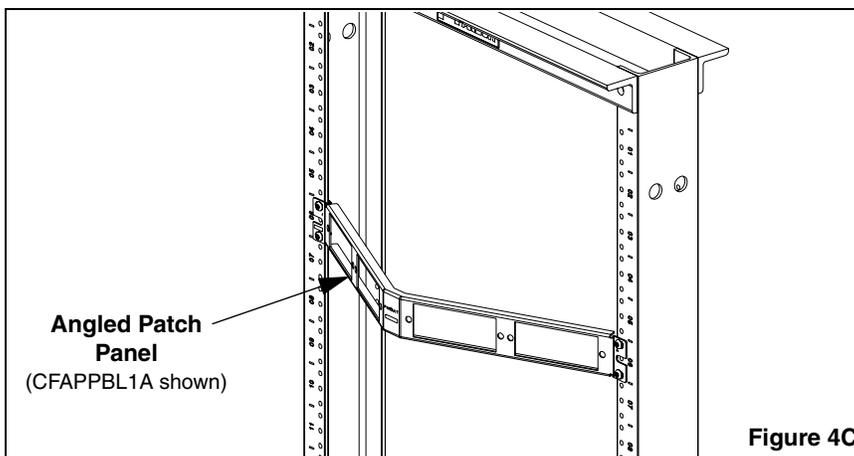


Place the mounting brackets at the desired position on the rack.



Mount the enclosure to the rack using (4) #12-24 x 1/2" screws.

Use (4) M6 x 1 screws if mounting to a metric rack.



Angled patch panels may be mounted directly to the rack without an enclosure. Place at the desired position on the rack and secure with (4) #12-24 x 1/2" screws.

Use (4) M6 x 1 screws if mounting to a metric rack.

Grommet Cutting Diagram

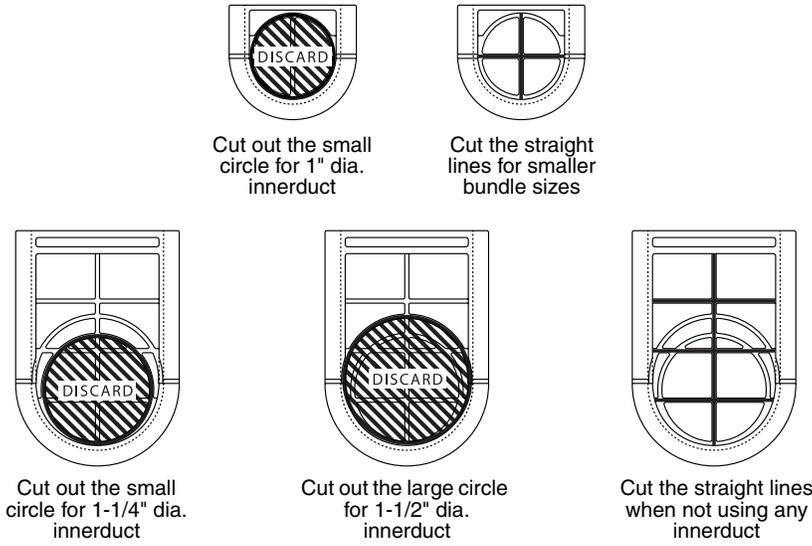


Figure 5A

After the enclosure is mounted to the rack, determine the size of the innerduct (if any) that will be used to bring the cable into the enclosure. Prepare grommet according to the proper cutting diagram to the left.

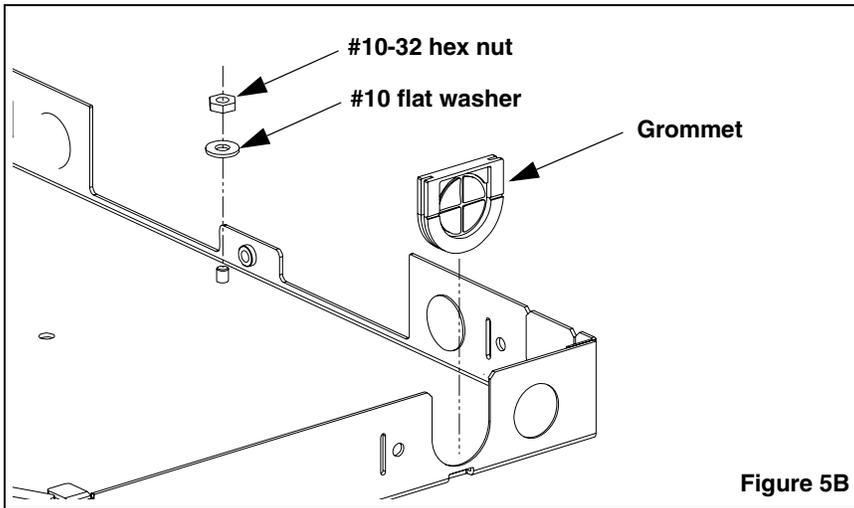


Figure 5B

Install prepared grommet.

Install (1) #10 flat washer and (1) #10-32 hex nut over the stud on the enclosure as shown. This will be used to secure the strength member from the cable.

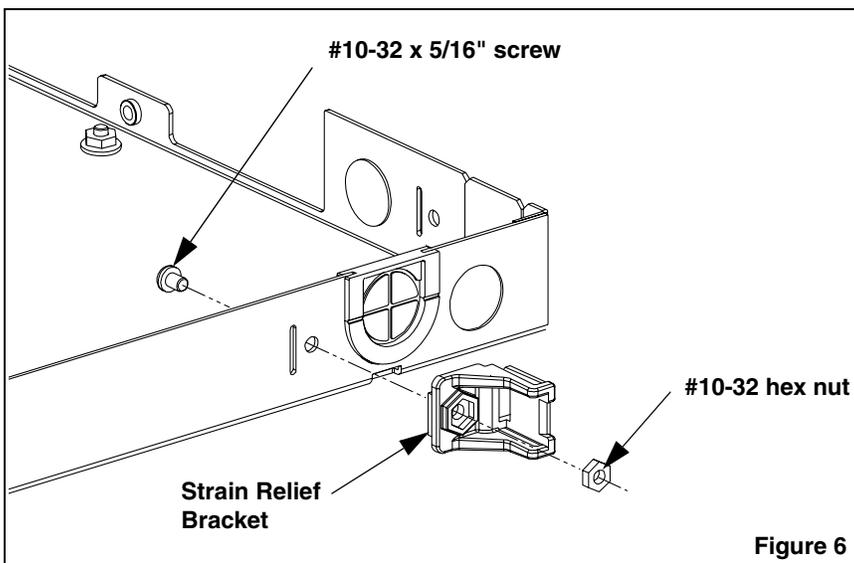
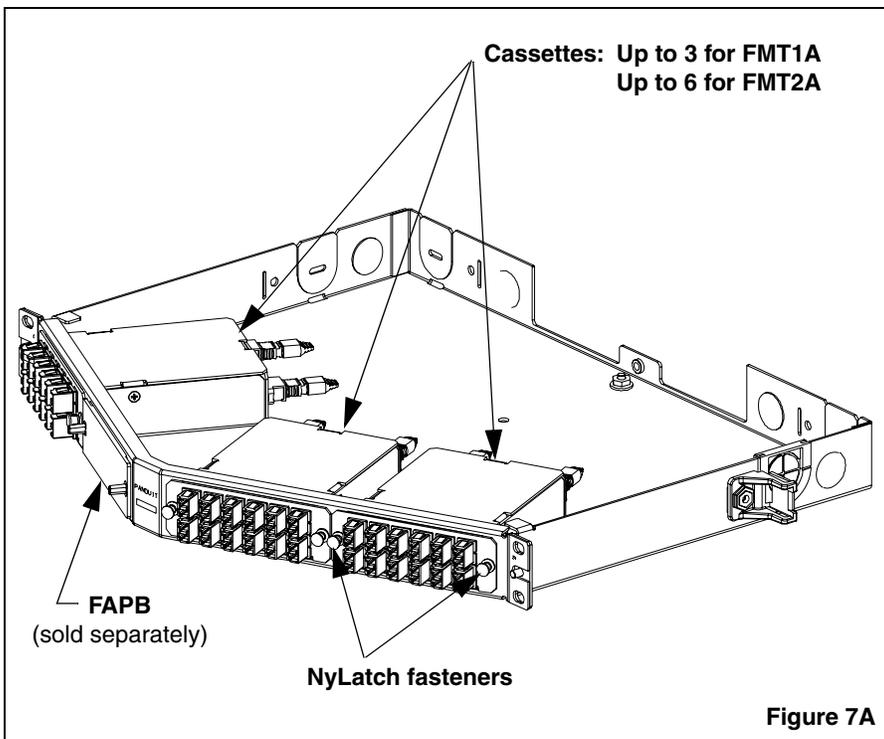


Figure 6

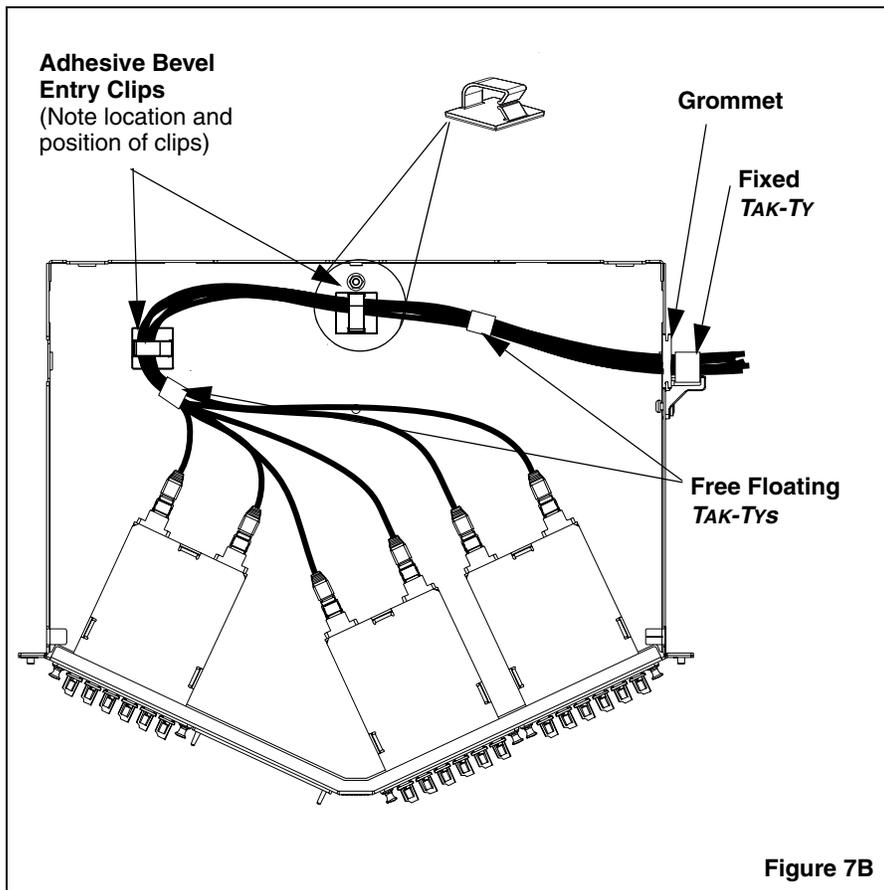
Install the strain relief bracket near where the cable will enter the enclosure. Secure with #10-32 x 5/16" screw and #10-32 hex nut.

QUICKNET Cassette Installation - sold separately



Insert *QUICKNET* Pre-Terminated Fiber Optic Cassettes into the enclosure as shown. Once mounted, fully seat NyLatch fasteners to secure the cassettes.

A Fiber Access Blanking Panel (FAPB) may be installed in the open bay to close.



Route fiber through the cable entry grommet to the fiber cassettes as shown.

Use *TAK-TYs* to secure fiber cords at cable entry location and other points as shown.

Field Termination or Pre-Terminated Trunk Installation

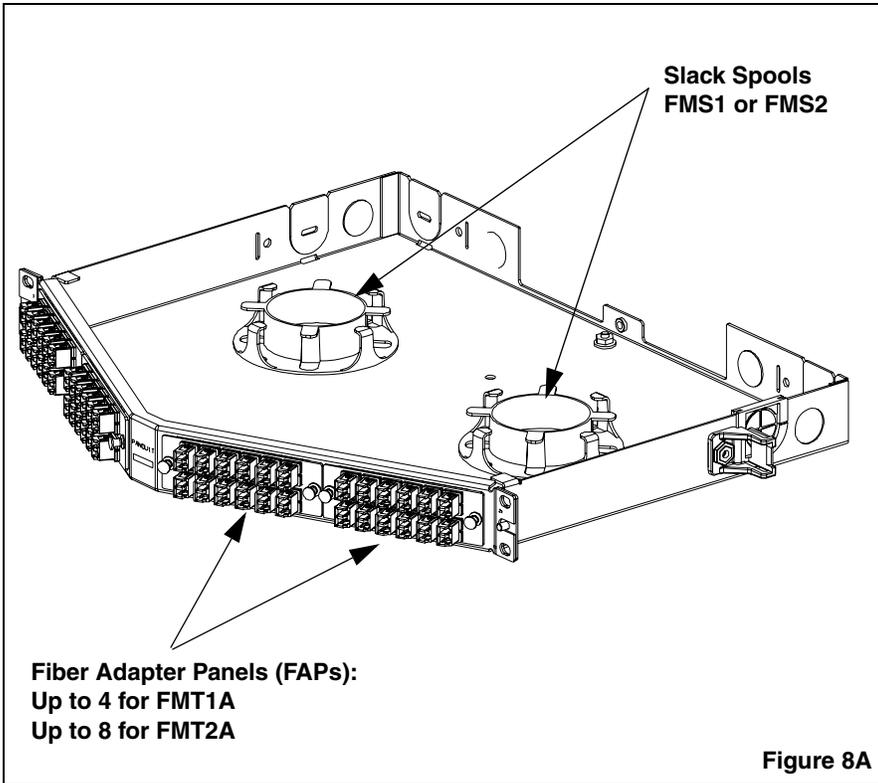


Figure 8A

Using adhesive backing, place slack spools in enclosure, note spool orientation. Approximate location is 5" off back wall with spools 9" apart centered in the enclosure.

Position FAPs into the angled patch panel as shown. Once mounted, fully seat NyLatch fasteners to secure FAPs.

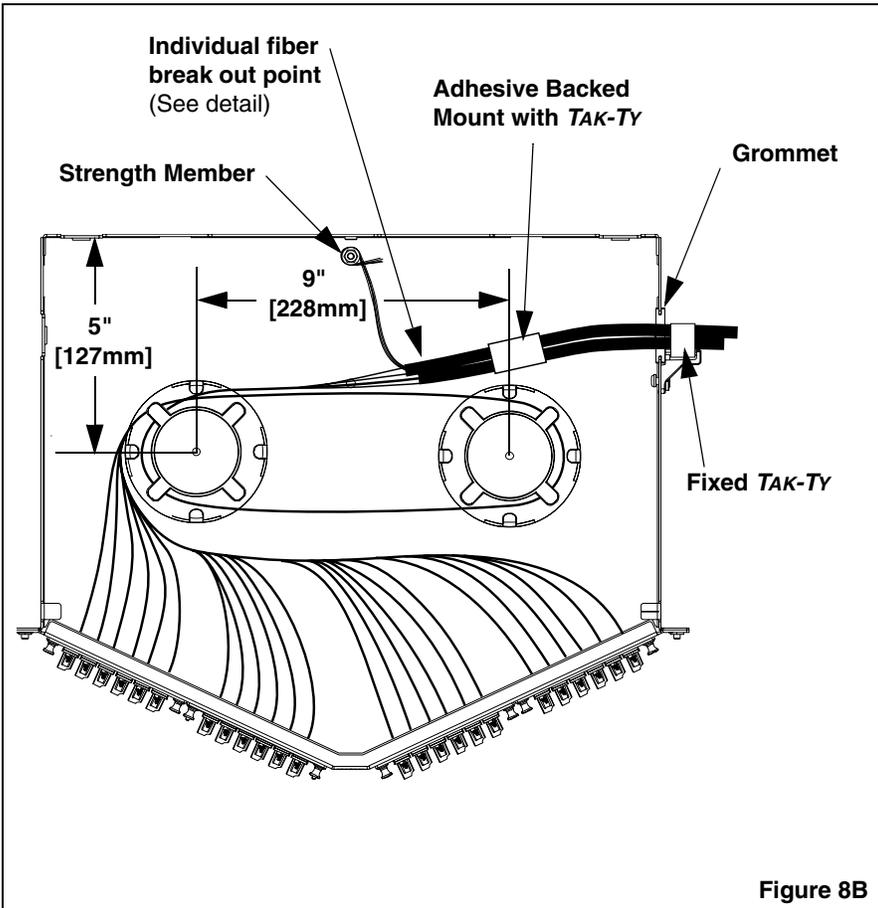
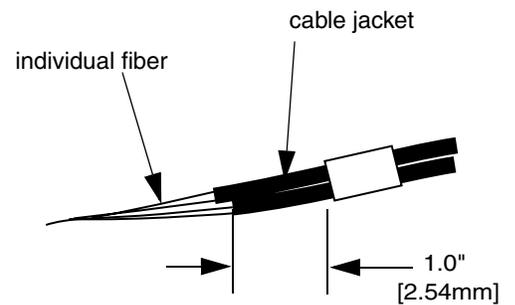


Figure 8B

Route fiber through the cable entry grommet as shown. Use enough cable length to ensure one complete loop of individual fibers around slack spools. Attach the strength member of the cable around the #10-32 stud, securing with the #10 flat washer and #10-32 hex nut previously installed.

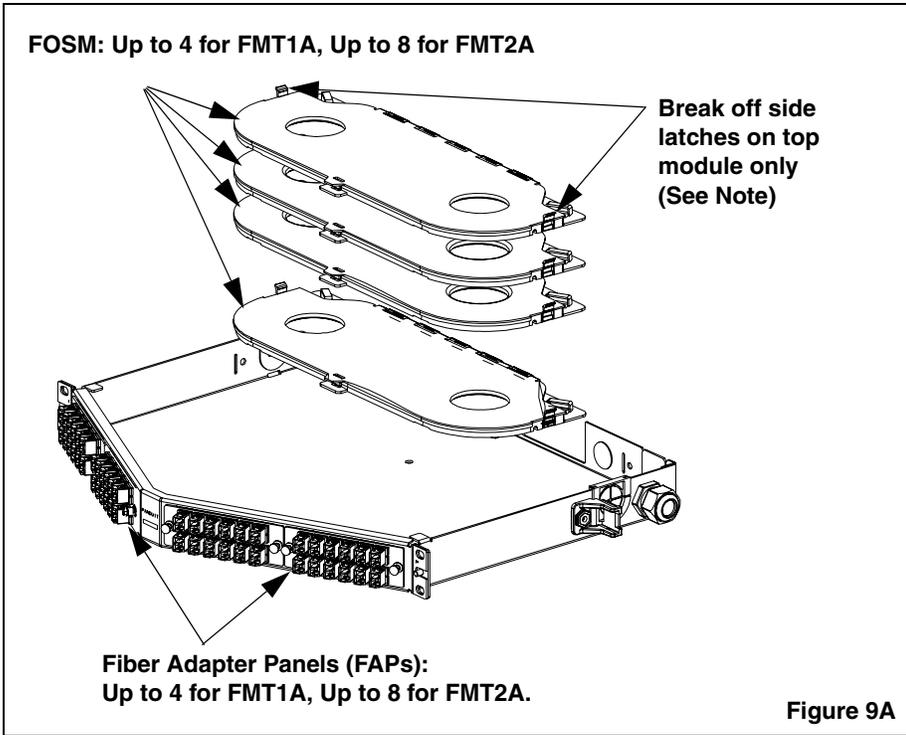
Use *TAK-TYs* to secure fiber cords at the cable entry location and other points as shown.



Fiber Break out Detail

Be sure adhesive backed mount is positioned to secure the jacketed trunk cable. **DO NOT** clip individual 900µm buffered fibers.

Fiber Optic Splice Module (FOSM) Installation - sold separately

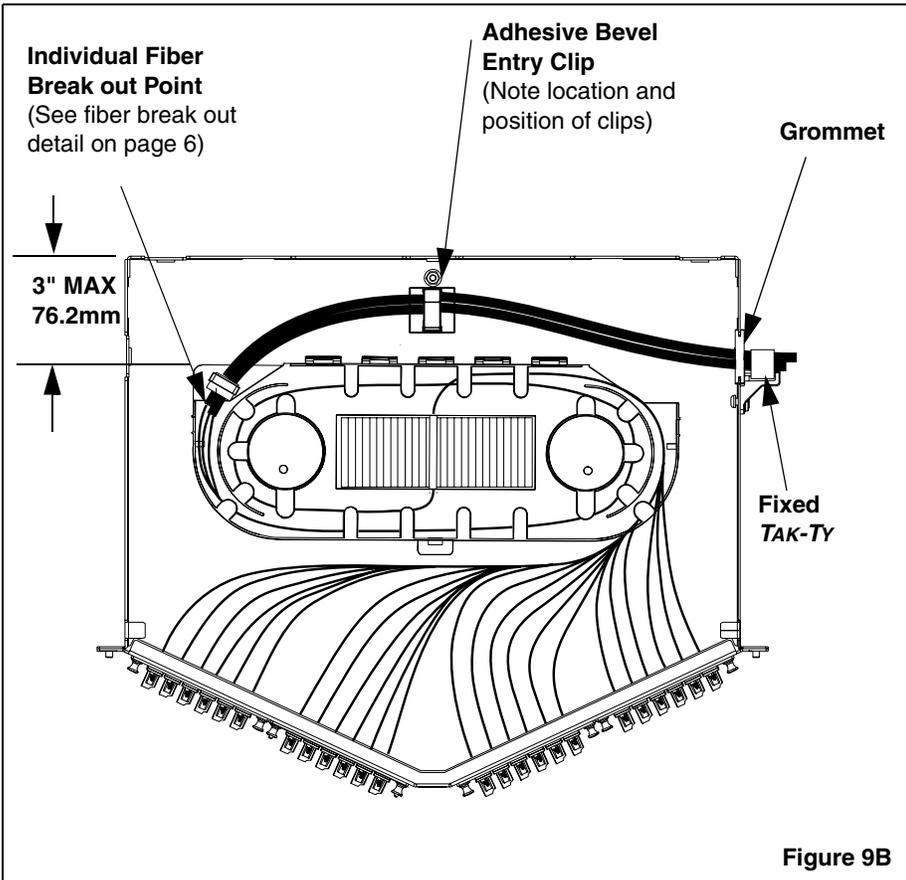


Recommended position for FOSM is 3" max from enclosure back wall.

Place first FOSM into the enclosure using double stick tape (not included). Note orientation. Remaining FOSMs are stacked on top of each other and snap in place.

Note: If 4 FOSMs are to be installed in the FMT1A, the side latches on the top module must be broken off to place the cover back on the enclosure.

Position FAPs into the angled patch panel as shown. Once mounted, fully seat NyLatch fasteners to secure FAPs.



Route fiber through cable entry grommet as shown. Use enough cable length to ensure one complete loop (approx. 45" [1.15m]) of individual fibers around FOSM slack spools.

Route 900µm buffered fiber from the trunk cable and splice to pigtail per instructions in FS001*, "OPTICOM Fiber Optic Splice Module Installation Instructions."

Use *TAK-TYs* to secure fiber cords at cable entry location and other points as shown.

* Denotes revision letter.

FST6 Fiber Splice Tray Installation - sold separately

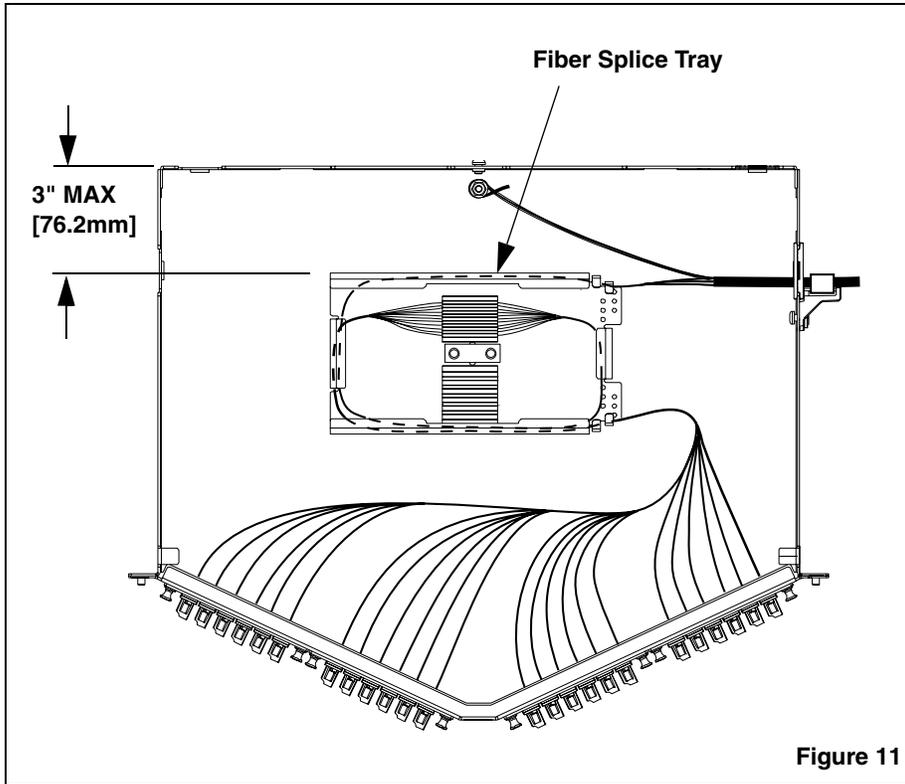


Figure 11

Position Splice Tray as shown. Reference CM92*, installation instructions for Fiber Splice Tray.

FSC24 Fiber Splice Holder Installation - sold separately

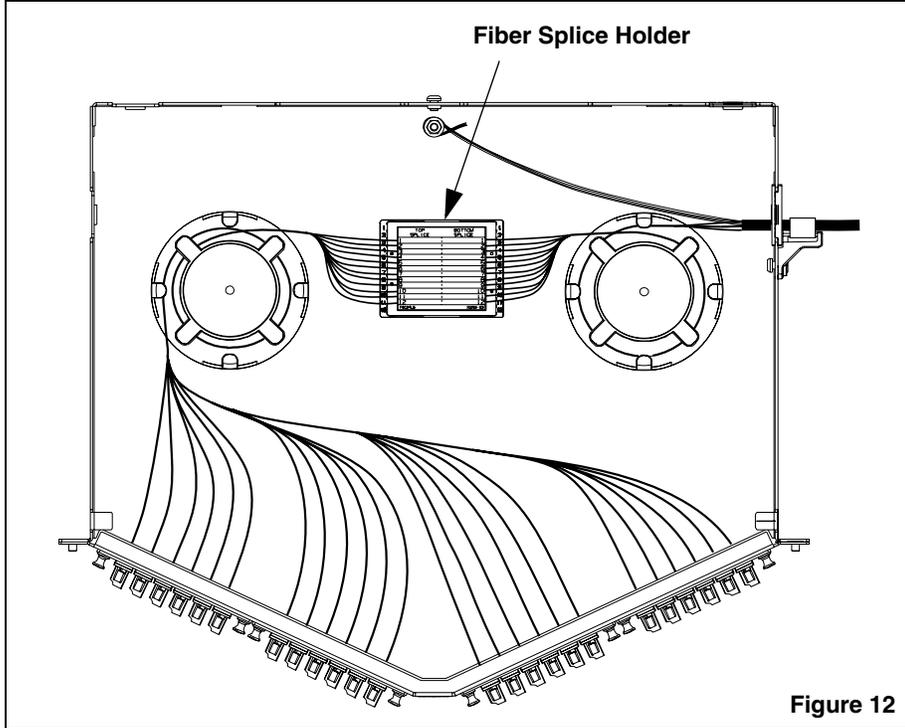


Figure 12

Reference Figure 8B for slack spool positioning.
See CM307*, installation instructions for fiber splice holder.

* Denotes revision letter.

<p>For Instructions in Local Languages and Technical Support: www.panduit.com/resources/install_maintain.asp</p>	<p>PANDUIT www.panduit.com</p>	<p>E-mail: cs@panduit.com Fax: (708) 444-6448</p>
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