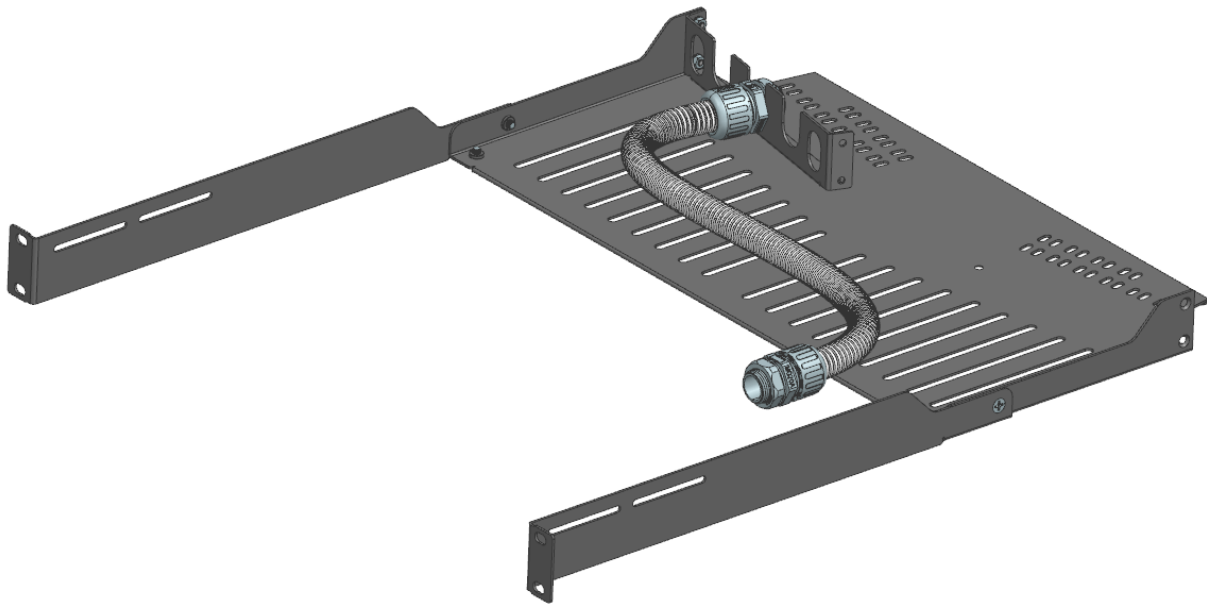


BACK TRAY ASSEMBLY FOR MFE ENCLOSURE-BLACK



(Note: Images shown in this document are for reference only)

1.0 SCOPE:

This document is intended to describe the installation instructions for BACK TRAY ASSEMBLY FOR MFE ENCLOSURE-BLACK

2.0 PRODUCT DESCRIPTION:

Back Tray Assembly is designed to get installed to existing MFE enclosure from Gen-III (RFR-00311-BK) to facilitate the fiber cable break-out and management.

3.0 PROCEDURE:

3.1 Assembling the accessories:

3.1.1 Assembling conduit gland bracket and mounting brackets (Fig.3A, 3B)

- Assemble the conduit gland bracket to the back tray at the shown location using M4 flat screws and M4 Keps nuts provided in the kit (Fig 3A). Based on the user requirement it can be mounted on left or right side of the tray.
- Assemble the mounting brackets (left & right) to the base tray as shown using M5 x 8mm flat screws (Fig 3B).

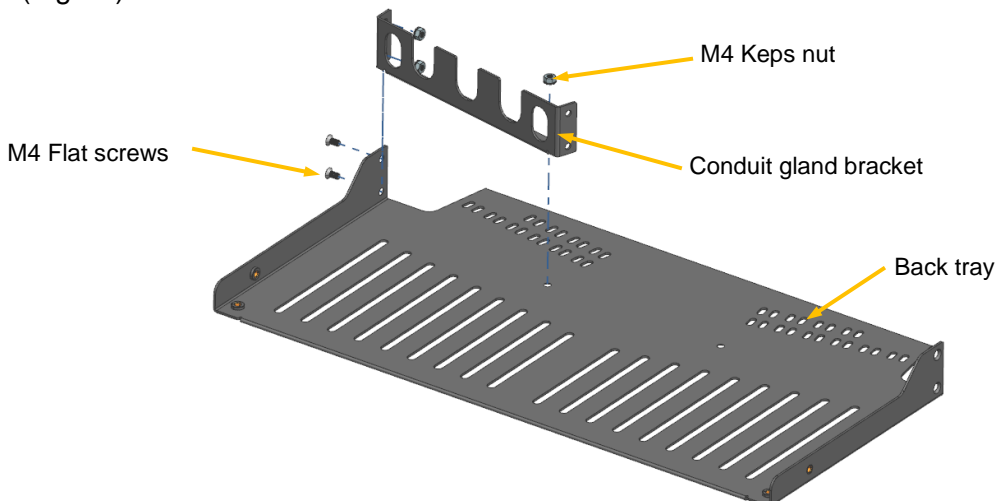


Fig. 3A

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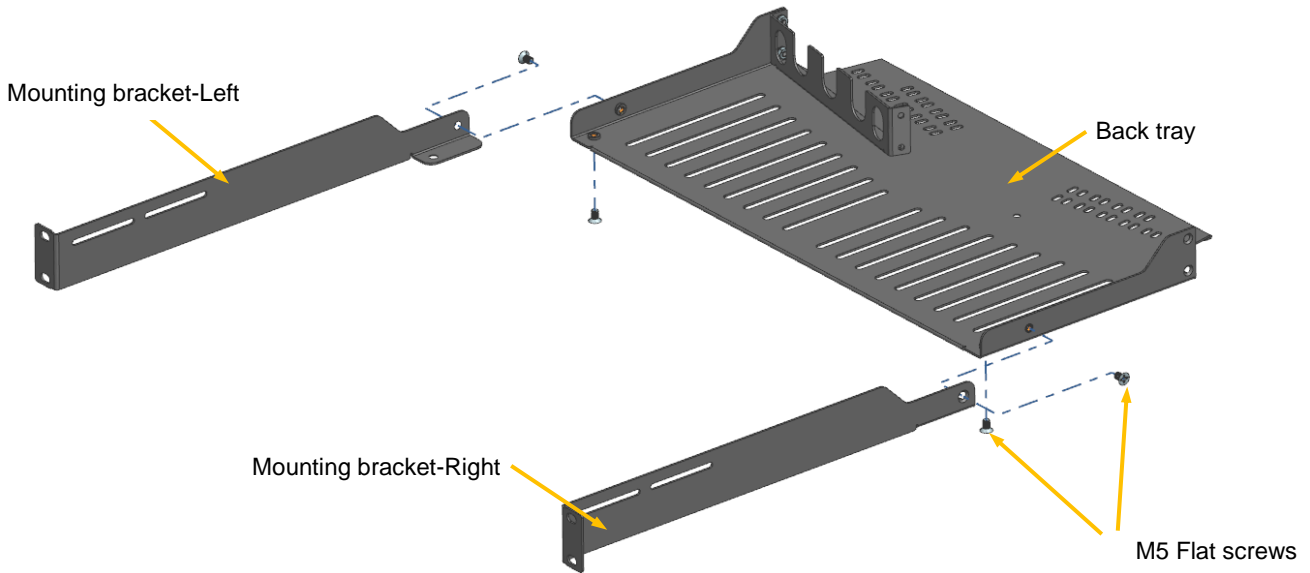


Fig. 3B

3.1.2 Assembling conduit gland bracket and mounting brackets

- Take the Conduit tube assembly (affixed with conduit glands on both ends) and fasten one end to any of the U slot on the conduit gland bracket. (Fig 3C).

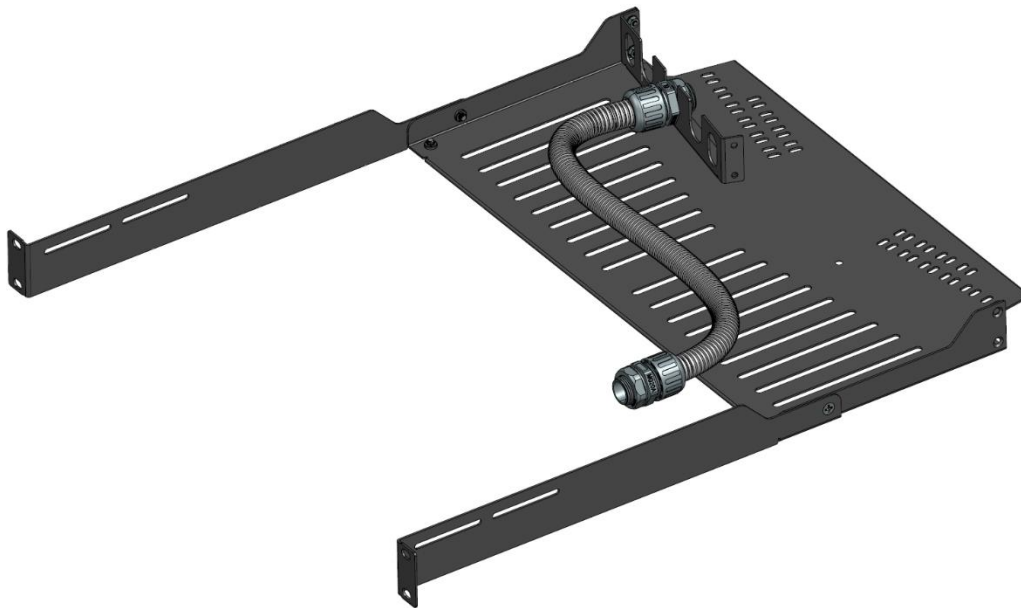


Fig. 3C

3.2 Installing the Back tray assembly to MFE enclosure:

- Remove the existing mounting brackets from MFE enclosure and retain the screws. (Fig 3D, 3E)
- Install the assembled “Back tray assembly” to the MFE enclosure using the same screws. (Fig 3F)

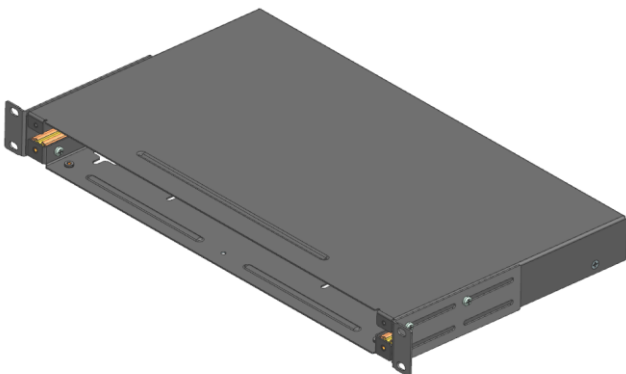


Fig.3D

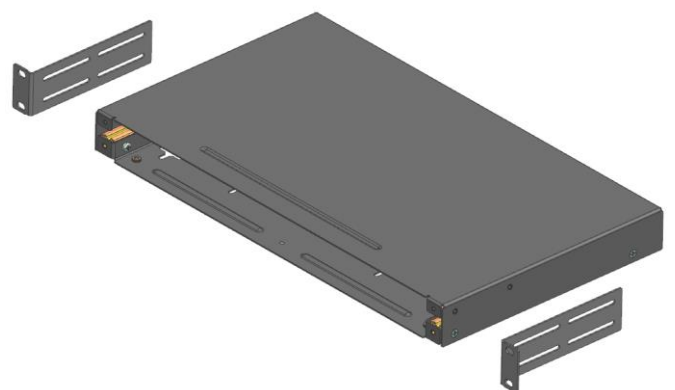


Fig.3E

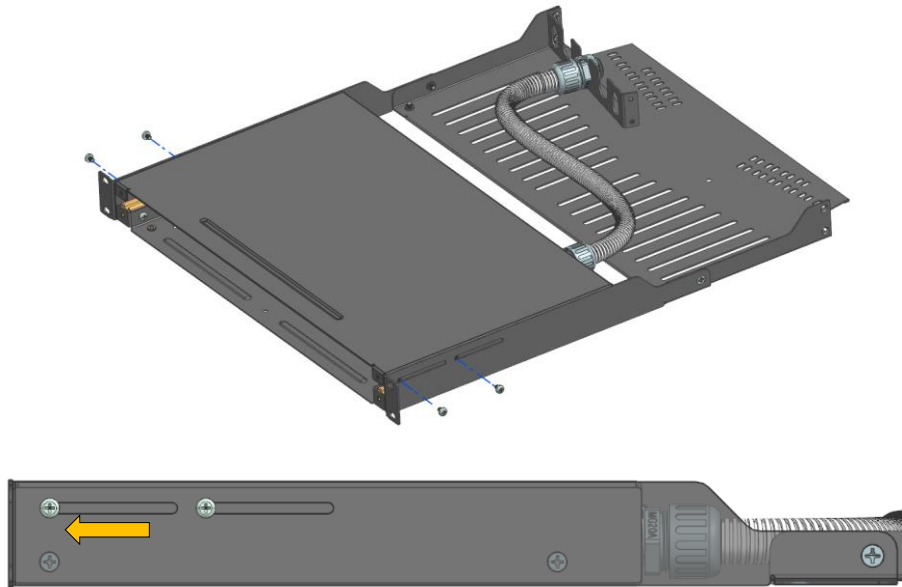


Fig.3F

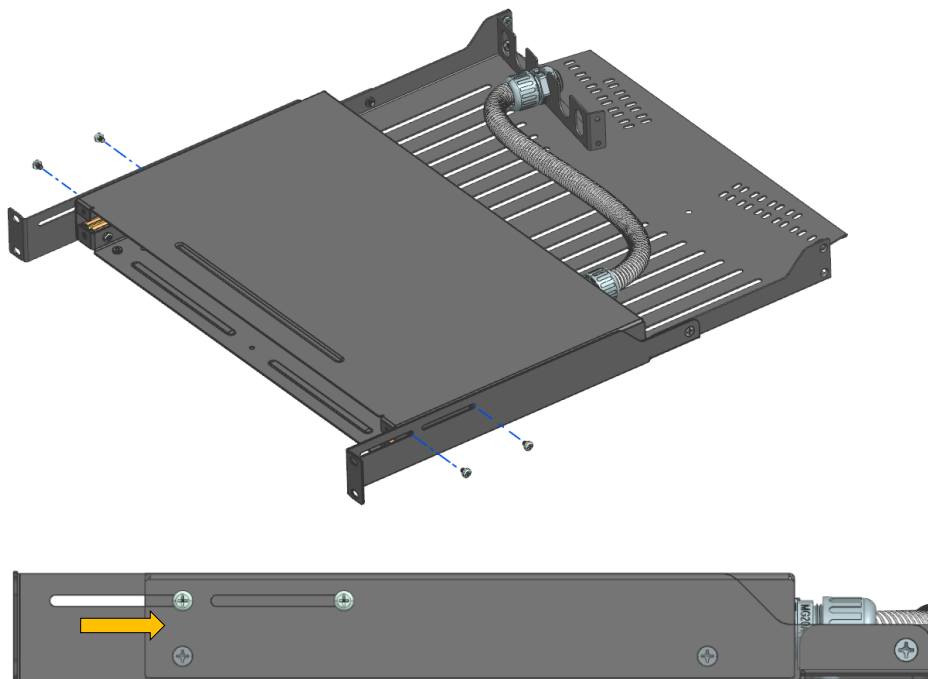


Fig.3G

- This tray assembly can facilitate to mount the enclosure at different positions horizontally, limited by the obround slot dimension just like the previous mounting brackets, user can install at their desired position based on the requirement as shown above for reference Fig. 3F & 3G (extreme positions).

3.3 Fiber break-out and management:

3.3.1 Inserting the cable and fastening the conduit tube assembly to the enclosure

- Straighten the conduit tube assembly. (Fig. 3H)
- Insert the fiber cable (24F max, tight buffer or loose tube) into the tube through the complete length (Fig. 3I)
- Decide on length required to keep inside the enclosure (when connected to the sliding tray of MFE) for splicing the fibers and ensure that much length of cable is maintained out of the conduit gland. (Fig. 3J)

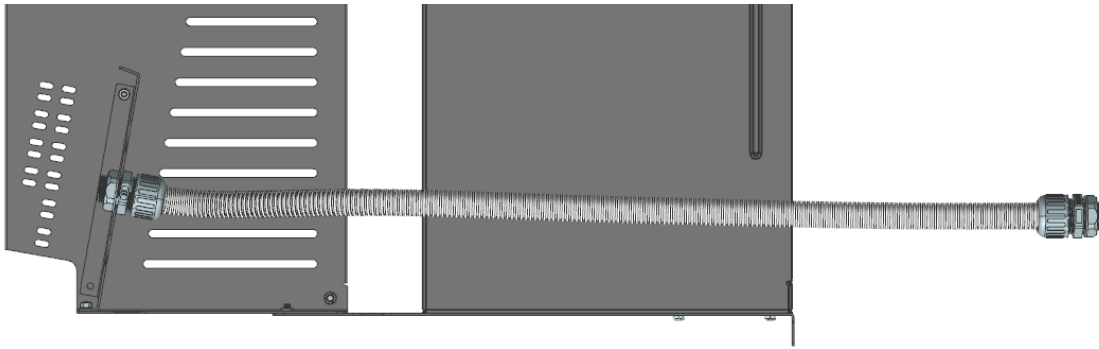


Fig.3H

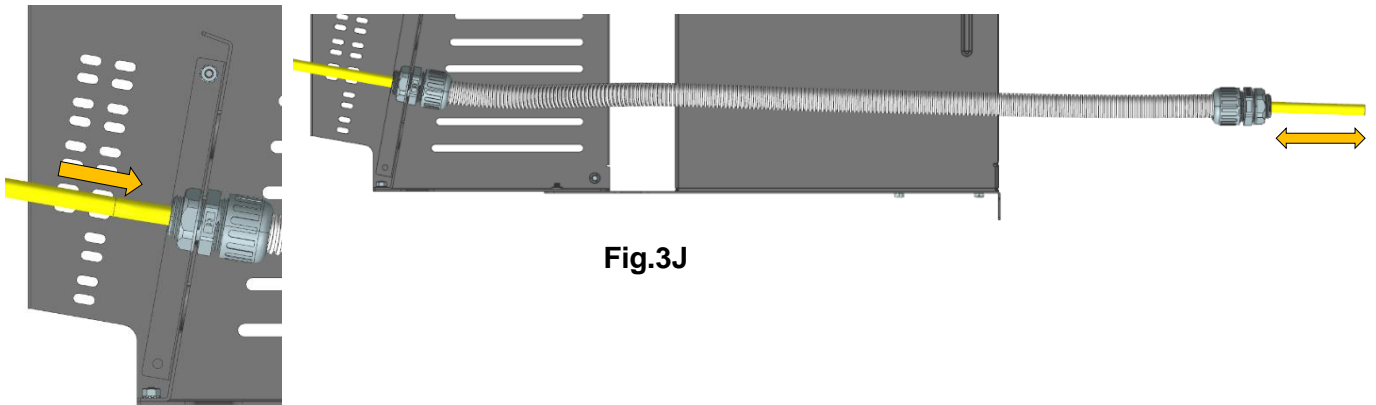


Fig.3J

Fig.3I

- Slide out the sliding tray of MFE enclosure with enough space to fasten the other end of the conduit tube assembly as shown (Fig. 3K) to the far set of holes on the MFE sliding tray and not near ones.

Note: Ensure conduit gland is fastened to same hole number in the MFE sliding tray to that of the conduit gland bracket i.e. If the conduit gland is fastened to 1st hole on the conduit bracket, then the gland on the other end should be fastened to 1st hole of the MFE sliding bracket.

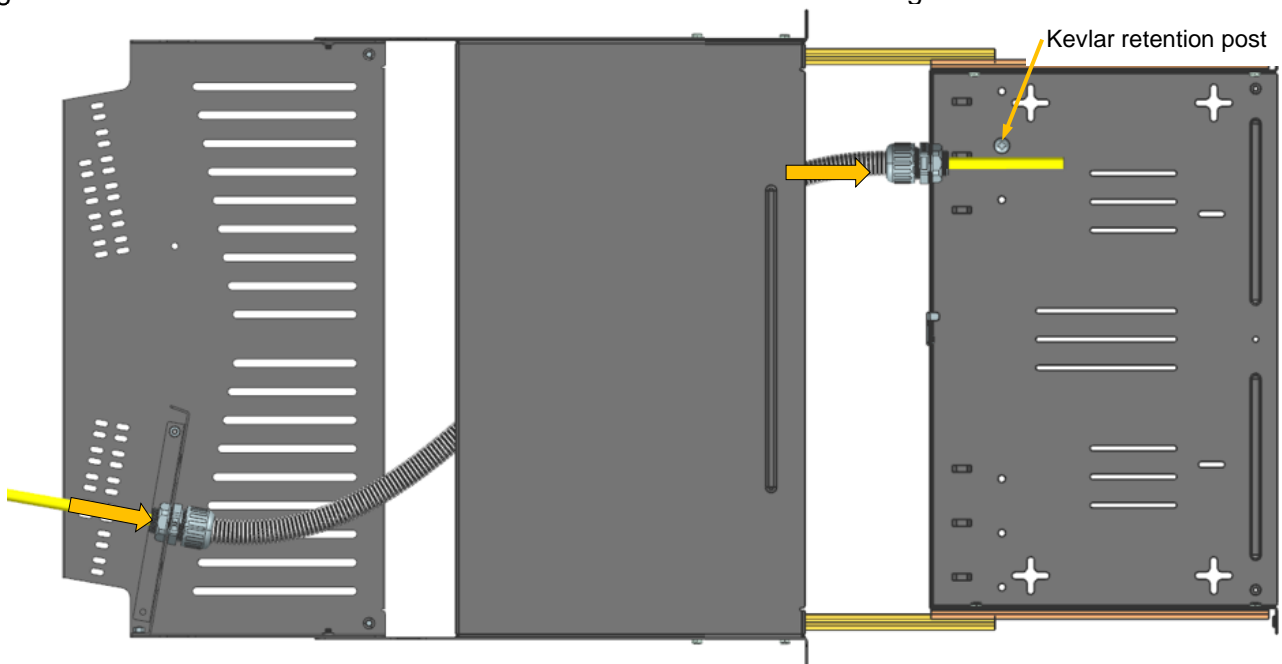


Fig.3K

- Install the Kevlar retention post to its mounting hole corresponding to the cable entry hole (Fig. 3L).

3.3.2 Removing the sheath and breaking out the fiber and securing it:

- Cut and remove the sheath (jacket) of the cable on both ends of the cable (Fig. 3L to 3N).
- Pull the sheath out conduit tube from MFE sliding tray connector end as shown (Fig. 3O).
- Secure the cable snugly on to the tray using cable tie and slot features (Fig. 3P).

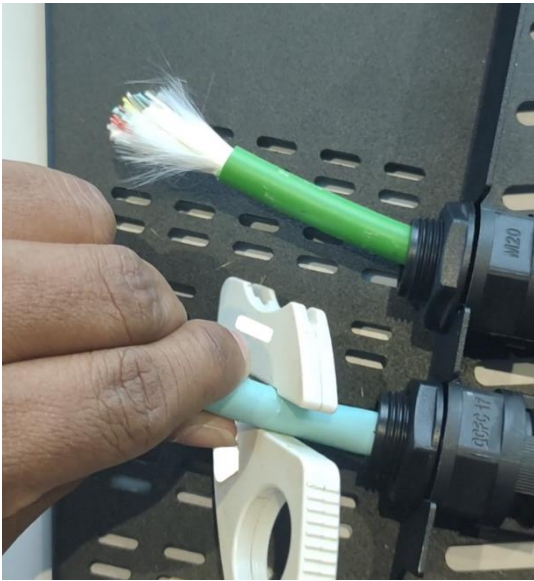


Fig.3L



Fig.3M

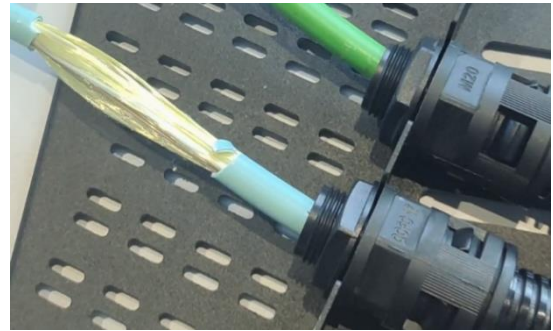
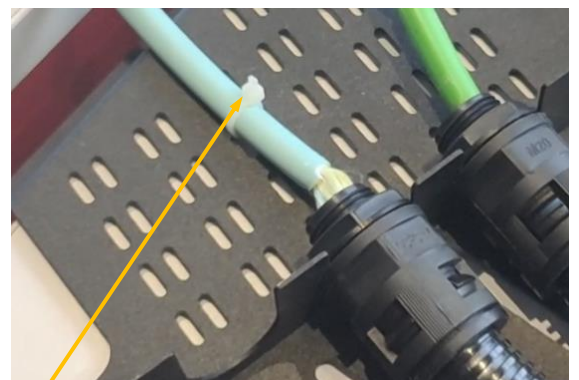


Fig.3N



Fig.3O



Cable tie

Fig.3P

- Segregate the Kevlar buffer wool from the fiber strands and secure it using Kevlar retention post (Fig. 3Q).



Fig.3Q

- Fiber strands can now be spliced to pig tails to plug into adapters.
- **Note:** If there are no other enclosures stacked below the MFE Enclosure, there are chances of the conduit tube falling between the gap (of Back tray and MFE sliding tray) like shown below (Fig. 3R to 3T), while sliding the MFE base tray due to winded condition of conduit tube and no support. In such case, correct the condition by turning the conduit tube at the gland entry points, so that it stays above the tray.

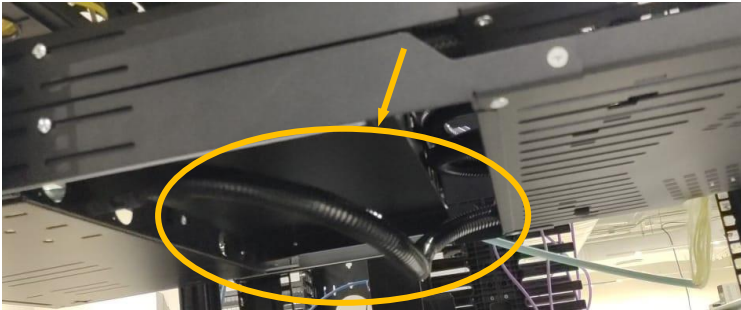


Fig.3R

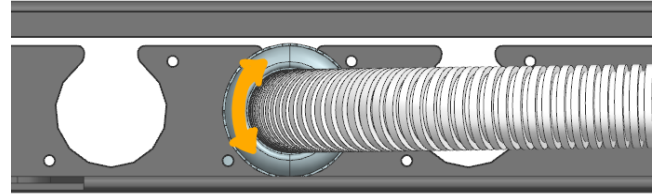


Fig.3S

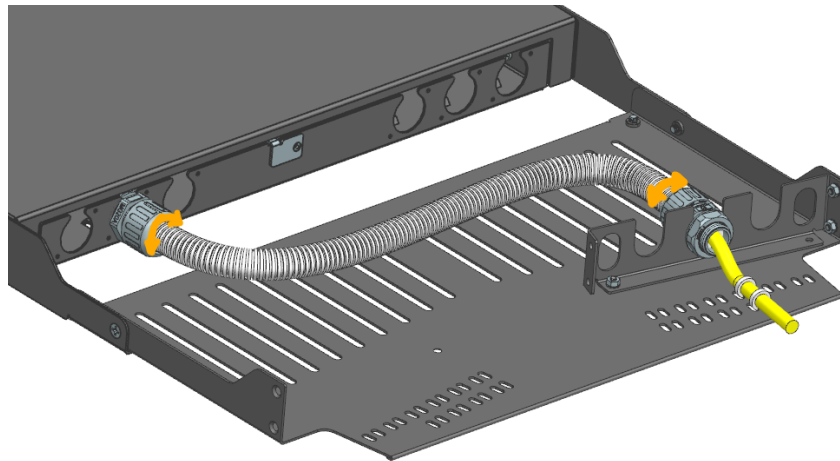


Fig.3I