



This document describes the assembly instructions for the 1U PRE-TERMINATED ENCLOSURE. The 1U sliding shelf is a frame or rack-mounted, pullout shelf that is designed to terminate up to 48 LC or 24 SC adapters. The cable is pre-installed in the rear of the shelf. The overall dimensions of the shelf are 1.72 inches (44mm) high, 17.19 inches (437 mm) wide, and 11.20 inches (285mm) deep.

As illustrated in Figure 1, the shelf contains a sliding tray with two holes in the rear for fittings that provide strain-relief for incoming non-metallic cable. Upon entering the tray, the cable is prepared for connectorization and the excess buffered fiber is stored on the fiber spools. Included with the shelf is the integrated front trough and cover to help route and contain the fiber jumpers from the electronics.

Material in Package

Lengths 50-300 Cable coiled and placed on top of shelf in cardboard box

Lengths 400-500 Cable coiled on Pre-Term shelf reel and 1U attached in the hub of the reel

Shelf Components:

Instructions for coiled assemblies

1. Open the package and find the 12-24 X 3/8 from the accessories package.
2. Remove the coil and unwind toward the splice enclosure.
3. Determine the mount location on the frame for the 1U enclosure. Remove the 1U enclosure and attach the
4. Separate the cover from the base by placing pressure with thumbs and lifting the edge (top and bottom of the SlimBox).
5. Secure the base to the wall using the wood screws, attaching at a secure point to the wood joints..
6. Place adapters (SM SC flangeless C6000A-5 107022980; or SM LC flangeless Duplex C1104A-2) in the appropriate panel prior to assembling. SlimBox can be ordered pre-assembled with adapters in the appropriate panel as well as pigtails.

7. Prep the cable 25 inches (64 cm) for field installable connectors and 27 inches (69 cm) for Mechanical or Fusion Splice on Connectors and 30 inches (76 cm) for splicing. The unit tube will need to be prepped to a length of 2 inches (5 cm) for outside plant type cable. Additional prepping for Building Cable product is not required if using 12 fiber cable. If the Building Cable is a unit tube design such as 24 fiber cable prep the unit tubes similar to outside plant cable exposing the buffered fiber or coated fiber.



8. Insert the cable into the cable entry and secure with the fasteners and cable tie.
9. The coated fiber will need to be buffered for field installable connectors using the D181755 kit. Both the Mechanical and Fusion Splice on connectors can be installed as buffered or coated fiber. For Connectorized (field, mechanical and fusion) field assembled product once installed, dress the buffered fiber around the storage hub in the Base.
10. The pigtailed or the field installed connectors are inserted into the port where fiber 1 is the blue fiber, fiber 2 is the orange fiber, per the standard fiber color code.
11. When splicing the 250 um fiber to pigtailed; the 250 um fiber needs to be divided into 6 fibers per side and routed around the top spool on the splice tray that snaps into the base. Fibers 1-6 of the pigtailed are routed counter clockwise on the lower spool and the the 250 um coated fibers 1-6 from the outside plant cable are routed clockwise on the top spool on the splice tray. The opposite is true for pigtailed 7-12 are routed clockwise on the lower spool and the coated fibers 7-12 are routed counter clockwise on the top spool.
12. When pigtail splicing utilize the splice tray to house the 40 mm splice sleeve and route the pigtail to the base to attach to the adapter.
13. Close the Cover and secure the unit with the Cover Screw The OFS disc snaps over the Cover Screw concealing it from view.
14. The fiber identification should be filled in on the label and secured to the Cover using the clear label cover.
15. Customer choice but you can remove the tabs on one side or the other of the cover and use the screw attachment to secure the enclosure. If you prefer not to use the screw then both sides of the enclosure tabs will be needed to keep the cover closed.



A Furukawa Company

OFS 1U PRE-TERMINATED ENCLOSURE ASSEMBLY INSTRUCTIONS

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ORDERING INFORMATION:

301 106 027	LPS5-W-SCUMTM-ATBP-12/12-1S-050F-36/39PE
301 106 035	LPS5-W-SCUMTM-ATBP-12/12-1S-100F-36/39PE
301 106 043	LPS5-W-SCUMTM-ATBP-12/12-1S-200F-36/39PE
301 106 050	LPS5-W-SCUMTM-ATBP-12/12-1S-300F-36/39PE
301 106 068	LPS5-W-SCUMTM-ATBP-12/12-1S-400F-36/39PE
301 106 076	LPS5-W-SCUMTM-ATBP-12/12-1S-500F-36/39PE
301 106 464	LPS5-W-LCUMTM-ATBP-12/12-1S-050F-36/39PE
301 106 472	LPS5-W-LCUMTM-ATBP-12/12-1S-100F-36/39PE
301 106 480	LPS5-W-LCUMTM-ATBP-12/12-1S-200F-36/39PE
301 106 498	LPS5-W-LCUMTM-ATBP-12/12-1S-300F-36/39PE
301 106 506	LPS5-W-LCUMTM-ATBP-12/12-1S-400F-36/39PE
301 106 514	LPS5-W-LCUMTM-ATBP-12/12-1S-500F-36/39PE