

APPLICATION INSTRUCTIONS FOR HD FIBER ENCLOSURE AND CASSETTE**1.0 SCOPE**

THIS DOCUMENT WILL PROVIDE INSTALLATION INSTRUCTIONS OF **APPLICATIONS INSTRUCTIONS FOR HD FIBER ENCLOSURE AND CASSETTE.**

2.0 PRODUCT DESCRIPTION

HD FIBER ENCLOSURE 1U 144F. REFER **PSD- 180660136** FOR MORE DETAILS.

3.0 FEATURES AND APPLICATIONS.**3.1 FEATURES :**

- Standard 19" Patch Panel
- Environmental lightweight Aluminum material
- Independent plug-in cassette
- Front-end cable management
- Stable adapter structure
- Compatible with 8F&12F&24F solution
- Replaceable label and layer remark
- MTP-LC cassette, MTP adapter plate cassette, LC splicing cassette
- MTP-LC Low loss fan out
- Multi-applications in Data center and FTTX.
- In build front tray for patch cord management

3.2 APPLICATIONS:

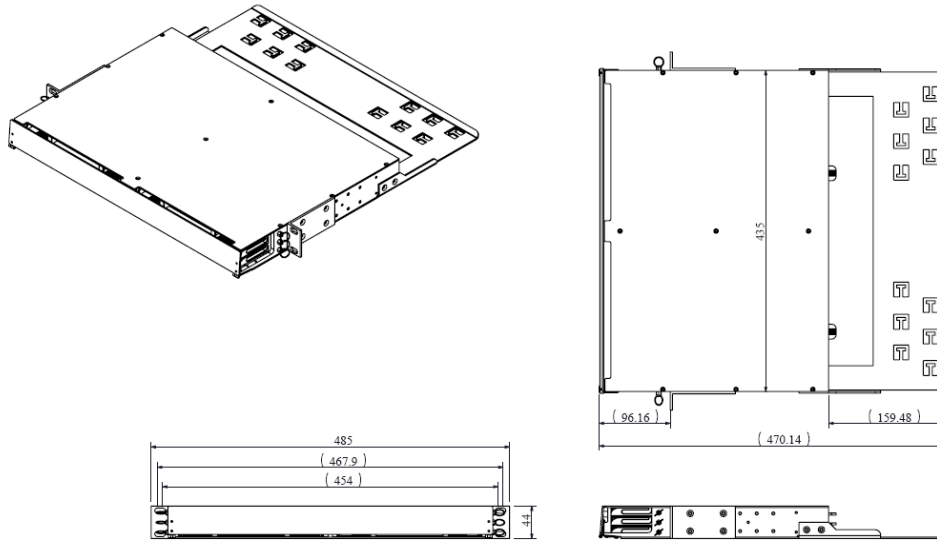
- High density fiber cabling system
- Fast cabling system
- Backbone network
- High integration equipment and device
- Data center, SAN system etc

ENGINEERING RECORD NO : 739370	SAP NO : 187000573	Doc No: 187000573	Doc part: AS	REV- A
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4.0 PROCEDURES

ASSEMBLY PROCEDURE

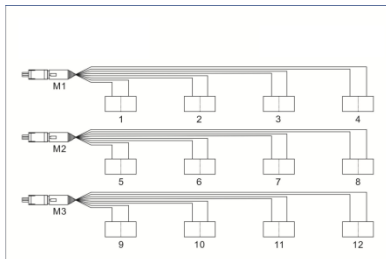
1: The Structure and Dimension of 1U box:



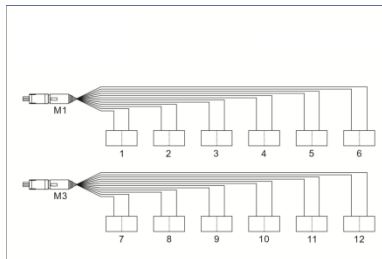
- 1.1. Take out the 1U box and place it on a flat surface.
- 1.2. Place the shelf behind the 1U box and align the shelf with 1U box.
- 1.3. Screw down the M4 screws on the two sides of the 1U box, and each side use 2pcs M4 screws. Screw down the M3 screw on the bottom middle of the box.
- 1.4. Place the assembled module into 1U box.

2: The Routing of Module Instruction.

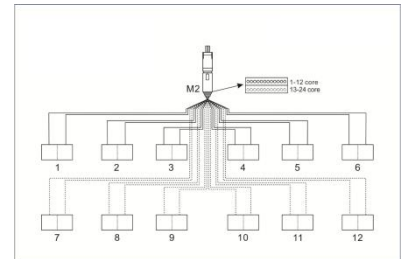
The routing of MPO-LC module as below:



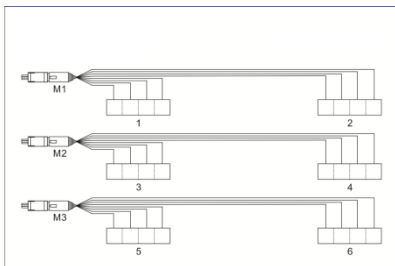
Based on 8F MPO-LC fanout and 12pcs LC duplex adapter and 3pcs MPO adapter



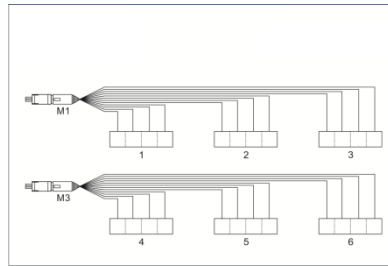
Based on 12F MPO-LC fanout and 12pcs LC duplex adapter and 2pcs MPO adapter



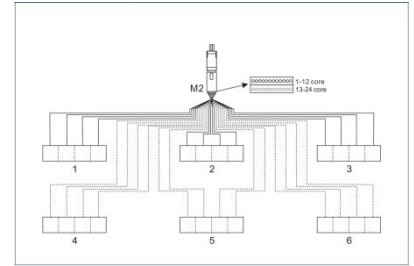
Based on 24FMPO-LC fanout and 12pcs LC duplex adapter and 1pcs MPO adapter



Based on 8F MPO-LC fanout and 6pcs LC quad adapter and 3pcs MPO adapter



Based on 12F MPO-LC fanout and 6pcs LC quad adapter and 2pcs MPO adapter



Based on 24FMPO-LC fanout and 6pcs LC quad adapter and 1pcs MPO adapter

3.0 Operation instruction :

3.1. Insert the MPO module into 1U box:

Pull the bolt out and align the module with the entrances of slide way, then push it into 1U box.

3.2. Pull out module from 1U box:

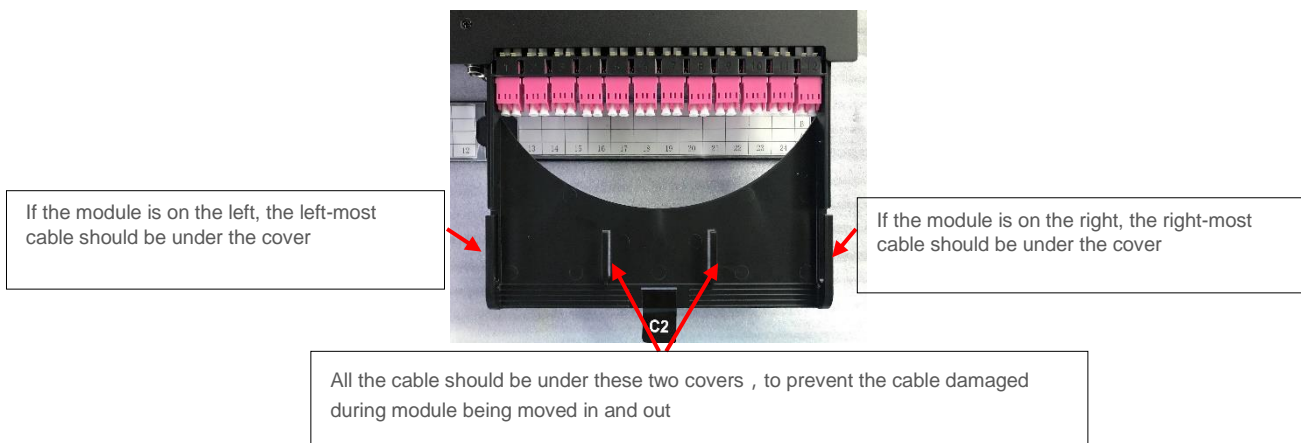
When pulling out the module, there is a bolt to prevent the module from being pulled out; When the module need to be pulled out, the cable connected with module should be pulled out first, and pull the bolt out, then we can pull the module out;

3.3. Tidy the cable on the shelf:

After the trunk cable connect with the module, the fanout of the trunk cable should be fixed on the shelf by nylon cable ties; or use sticking band to fix the fanout on the shelf which is behind the box, use nylon cable ties to fix. it again to prevent cable damaged. Make sure there is cable buffer, so the module can move back and forth freely, make sure the cable is not intertwined.

3.4. Tidy the cable in front of module:

- A. Principle of the getting the cable out: the cable on left module get out on the left and the cable on the right module get out on the right.
- B. Principle of the cable on the tray: to prevent the cable bending seriously, we add the cover in the module, when tidy the cable, please note as below.



3.5. The mark on the label on the front panel must be same with the mark on the module.