

Outdoor 18CH Simplex CWDM DEMUX BOX SPECIFICATION

CLCWDEMUX18S-OTB-LF



Description

CWDM 18 channel 1271-1611nm Simplex DEMUX outdoor big size type box with LC/UPC connectors. It provides low insertion loss, high channel isolation, wide pass band, low temperature sensitivity and epoxy free optical path. It is suit for CWDM MUX/DeMUX working in outdoor environments

Features

- Low Insertion Loss
- Wide pass band
- High Channel Isolation
- High Stability and reliability
- Epoxy-free on Optical Path
- Access Network
- working in outdoor environments, meet IP65 Standard

Specifications

| Dimensions and Capacity | |
|-------------------------|---|
| Dimensions (H*W*D) | 303mm*236mm*109mm |
| Color | Black |
| Weight | 1.35KG |
| Adapter Type | LC/UPC Simplex |
| Adapter Capacity | 1x18 pcs |
| Cable inlet caliber | 16mm |
| Optional Accessories | Adapters, Pigtails, Heat Shrink Tubes, Micro Splitter |
| Working Temperature | 0°C~85°C |
| Insertion loss | < =3.0dB |
| Channel Passband Ripple | <=0.5dB |
| Isolation Adjacent | >30dB |
| Isolation Non-Adjacent | >40 dB |
| PDL | <0.2dB |
| PDM | <0.2dB |
| Return loss | >45dB |
| Power handling | 500mW |

Structure and Features

1. MUX and patch cord use separation structure, easy for capacity expansion and maintenance
2. High quality plastic
3. Internal turnover structure, easy to maintenance
4. Can install 1x18 pcs of LC adapters
5. Can install MUX ABS;
6. Could exit 18 pcs of drop cable

7. Protection level: IP65

Installation instructions

Installation preparation

1. Checking the product: As per the packing list to check it one by one.
Documents Tools:

| No. | type | Tool's name |
|-----|------------------|--|
| 1 | maintenance tool | spanner、sleeve、bolt driver、electric drill、small hammer and so on |

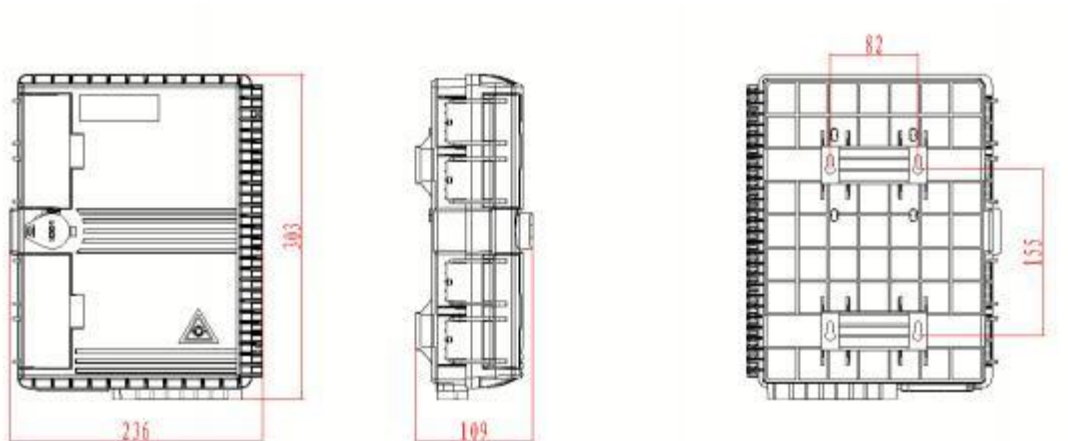
2. Fiber-optical stripping and fix.

- (1) Adjust the length of cable, keep extra cable around 0.5m.
- (2) Clean the cable, cut the cable protector around 0.4m, keep armored part around 30mm, keep the fiber around 60mm.
- (3) When strip the cable, use insulating tape or heat shrink protector.
- (4) Put the fiber through the hole, fix it with clamp, then tighten the screws.

3. Trunk optical cable splice and route with pigtail

- (1) Strip the fiber and pigtail, 1.3m to 1.5m, then put the tube protector.
- (2) Open the tray, splice the fiber.
- (3) Put the finished fiber into the tray.
- (4) Fixed the fiber and pigtail.
- (5) Remark fiber and record.

Mounting Size for reference



Ordering Name:

| Part Number | Description | Note |
|-------------------------|---|-------------|
| CLCWDEMUX18S-OTB -LF | Outdoor CWDM box, ABS inside, big size, 18 CHs DEMUX, Single Fiber , LC/UPC Tx/Rx = 1271/1291; 1311/1331; 1351/1371; 1391/1411; 1431/1451; 1471/1491; 1511/1531; 1551/1571; 1591/1611 nm. | |

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