FIBER OPTIC COMPONENTS

W08XXX00

Description

The equipment is used as a termination point for the feeder cable to connect with drop cable in FTTx communication network system. The fiber splicing, splitting, distribution can be done in this box, and meanwhile it provides solid protection and management for the FTTx network building.

Features

- Total enclosed structure.
- Material: PC+ABS, wet-proof、water-proof、dust-proof、anti-aging, protection level up to IP65。
- Clamping for feeder cable and drop cable, fiber splicing, fixation, storage, distribution...etc all in one.
- Cable, pigtails, patch cords are running through own path without disturbing each other, cassette type SC/LC/PLC adaptor installation, easy maintenance.
- Distribution panel can be flipped up, feeder cable can be placed by express port, easy for maintenance and installation.
- Cabinet can be installed by the way of wall-mounted or poled-mounted, suitable for both indoor and outdoor uses.

Specification

- Environmental requirement

Working temperature: -40℃～+85℃
Relative humidity: ≤85% (+30℃)
Atmospheric pressure: 70KPa～106Kpa

- Main technical datasheet

Insertion loss: ≤0.2dB
UPC return loss: ≥50dB
APC return loss: ≥60dB
Life of insertion and extraction: ＞1000 times

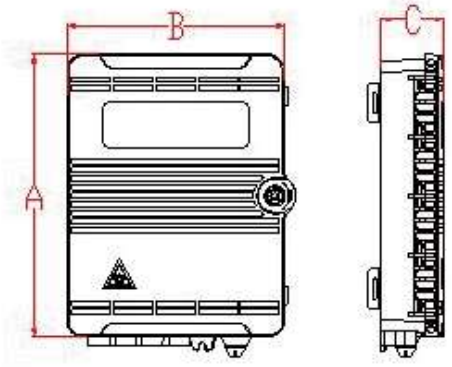
- Thunder-proof technical datasheet

The grounding device is isolated with the cabinet, isolation resistance is less than 1000MΩ/500V (DC) ;
IR≥1000MΩ/500V
The withstand voltage between grounding device and cabinet is no less than 3000V (DC) /min, no puncture, no flashover; U≥3000V

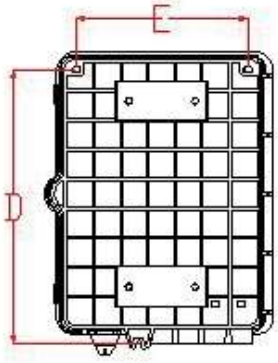
Configuration table

Table 1 Model and configuration

Model	Description	Size (Pic 1)	Max Capacity			Installation Size(Pic 2)
		A*B*C(mm)	SC	LC	PLC	D*E (mm)
W08XXX00	Distribution Box	213*163*47	8	16	16 (LC)	206*129

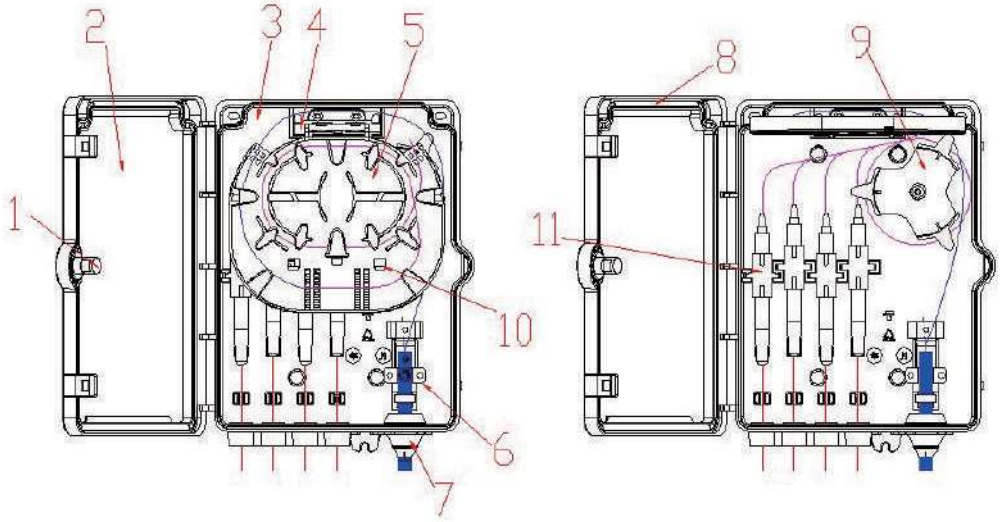


Pic 1 Box Size



Pic 2 Installation Size

Product cable ways



Pic 3 Cable ways

1.Lock; 2.Lid; 3.Base; 4.Flap bracket; 5.Flap plate; 6. Main cable strengthen mound layer;
7. Block connector; 8. Seal gasket;9. Fiber coiling column; 10.PLC Mounting position; 11.Adaptor

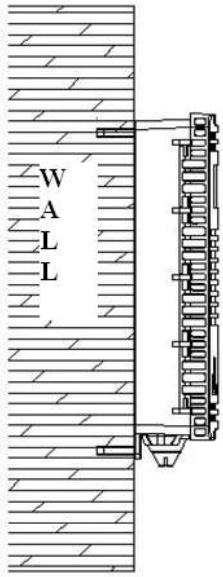
Installation

1. Wall-mounted installation

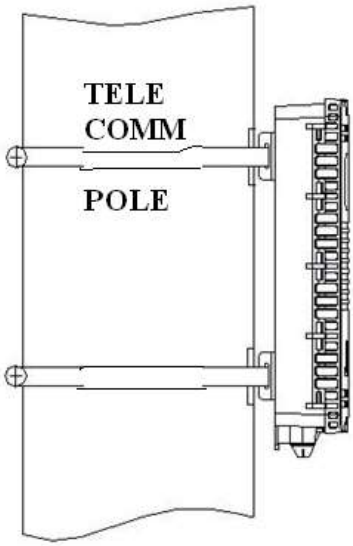
Drill 3 holes over the wall based on the size in table 1, place the expansion bolt Φ5.5*30, place the box to match up the holes and use bolt to fasten。(Pic 4)

2. Pole-mounted installation

Fix 1 set of the easy pole ring to the telecom pole .（Pic 5）



Pic 4 Wall mounted installation



Pic 5 Pole mounted installation

Accessories

1. Users' Manual*1。
2. Key*1。
3. Accessories Bag * 1