SPECIFICATION

FTTX PRE-CONNECTORIZED TERMINAL BOX PTB-12B

OMCFTTH

Description

It consists of 12x outlet PORTS, some Splice trays, a tissue system with optical fiber splicing tray and 12pcs bayonet type enhanced pre-connectorized waterproof Mini SCAPC adapters, which can be accessed and connected from the outside of the box.

The box is used as a termination point for the feeder cable to connect with drop cable in FTTx network system. The fiber splicing, splitting, and distribution can be done in this box, and to form the optical interconnection point between these networks and the distributed network. It allow the connection to a single optical plug in the customer's home on demand. and meanwhile it provides solid protection and management for the FTTx network building.

The closed box is completely sealed and weatherproof, so it can be installed outside and inside the exterior wall, wall, roof, basement, garage, yard, wardrobe, column or building installed on the messenger.

Specification:

Model No.	PTB-12B	Color	Black
Splice Capacity	4F Splice	Input Cable PORTS	1/2
Material	Plastic:PP+GF Metal:Stainless steel 304	Output Adapters	12x Mini SCAPC waterproof adapters<0.2dB
Dimension	184*221*76 mm	Suitable Splitter	1*2+1:8 or 1 pcs of 1*8 (2:8) or 1 pcs of 1*9 blockless PLC Splitter
Flame retardant performance	Non-flame retardant	Protection Level	IP68 Indoor/Outdoor
Installation Method	Pole/wall-mounting, aerial cable-mounting	Insertion loss	≤0.2dB (1310nm & 1550nm)

Standard Accessories:

PTB-10D Box*1
Accessories bagx1

Optional Accessories:

Pole ring*1

Package:

Plastic bag size: 300*350 mm
Inner box with single corrugated size: 185*240*98mm
Carton with double corrugated size: 50*38*52cm (20PCS/Box),13.85KG

Features

1. Plug and play, pre-connected household cable instead of fusion, no need to open the box.
2. Fast insertion can fix and seal the optical cable outside the connector box for quick installation.
3. Clamping for feeder cable and drop cable, fiber splicing, fixation, storage, distribution…etc all in one.
4. Cable, pigtails, and patch cords are running through their own paths without disturbing each other, micro type PLC splitter installation, easy maintenance.
5. Support a variety of installation methods, holding pole, hanging wall, hanging cable.
6. Box can be installed by the way of wall-mounted or poled-mounted, suitable for both indoor and outdoor use.
7.wet-proof, water-proof, dust-proof, anti-aging, protection level up to IP68

Specification

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

2、**Main technical datasheet:**
Insertion loss：≤0.2dB
UPC return loss：≥50dB
APC return loss：≥60dB

3、**Thunder-proof technical datasheet**
The insulation resistance between the grounding device and the metal parts of the box is no less than 2×10^4 MΩ/500V（DC）；IR≥2×10^4 MΩ/500V, The voltage resistance between the grounding device, and the box and its metal parts is no less than 3000V（DC）/min, no puncture, no flashover；U≥3000V
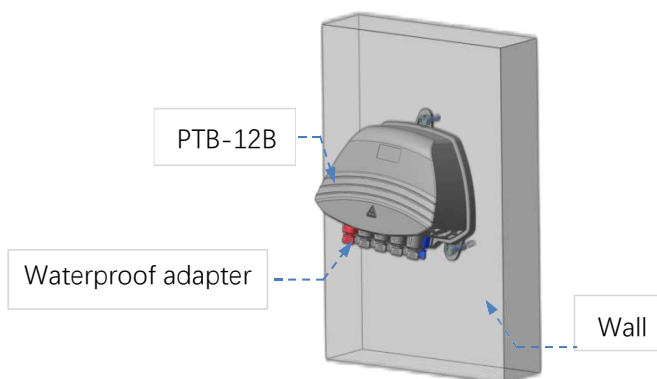
INSTALLATION INSTRUCTION

1,Pre-connectorized waterproof SCAPC adapters Details

12x Mini SC/APC Waterproof adapter
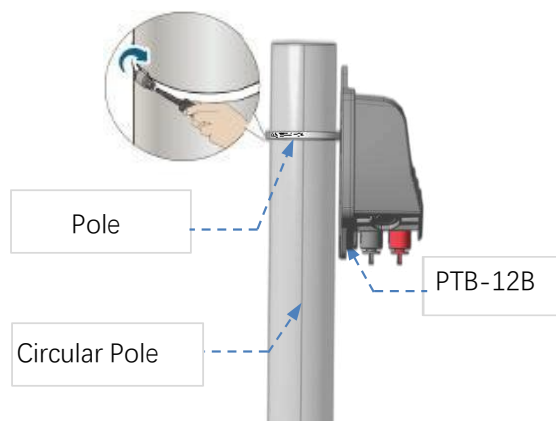
2, Mini SC/APC Pre-connectorized Patch cord

2, Wall-mounted installation

Drill 3 holes into the wall based on the size in table 1, place the expansion bolt Φ7.5*40, place the box to match up the holes and use bolt to fasten

PTB-12B

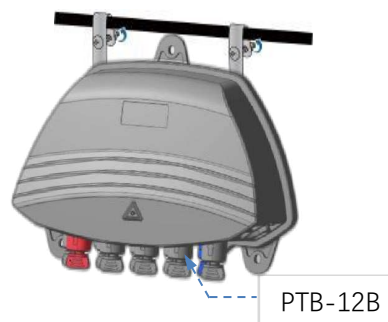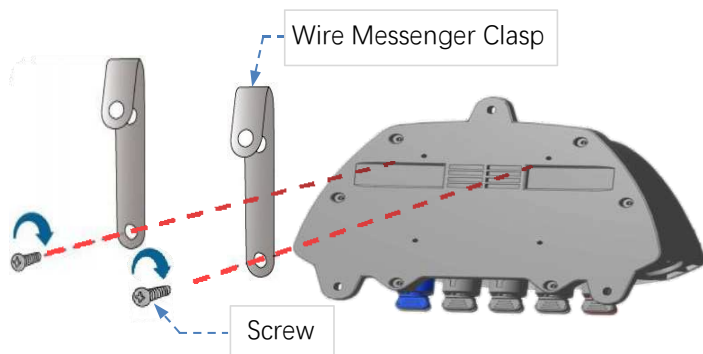Waterproof adapter

Wall

3. Pole-mounted installation

Fix 1 set of the pole ring to the telecom pole

Pole

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Circular Pole

4,Aerial cable-mounted Installation

Wire Messenger Clasp

Screw

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5: Fiber storage bracket installation

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Wall

Wall-Mounted

Optical Cable

Fiber Storage Brack-

Wall-Mounted