

SPECIFICATION

FTTX PRE-CONNECTORIZED TERMINAL BOX PTB-8B



Description

It consists of 4x optical cable inlet and 8x outlet PORTS, some Splice trays, a tissue system with optical fiber splicing tray and 8pcs bayonet type enhanced pre-connectorized waterproof SCAPC adapters, which can be accessed and connected from the outside of the box.

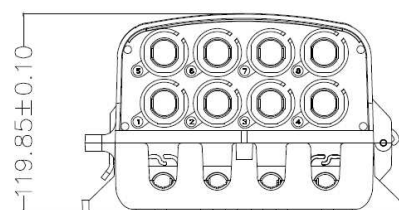
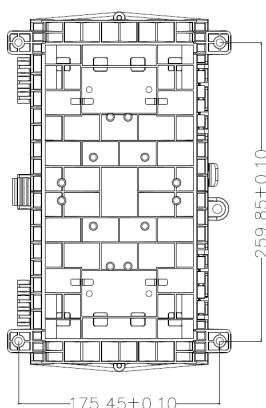
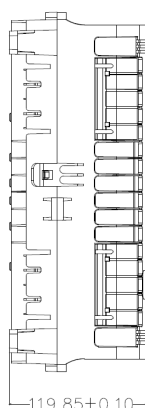
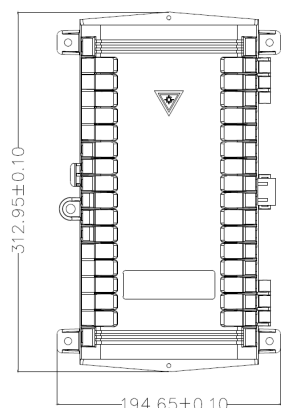
The box is used as a termination point for the feeder cable to connect with drop cable in FTTH network system. The fiber splicing, splitting, and distribution can be done in this box, and to form the optical interconnection point between these networks and the distributed network. It allow the connection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



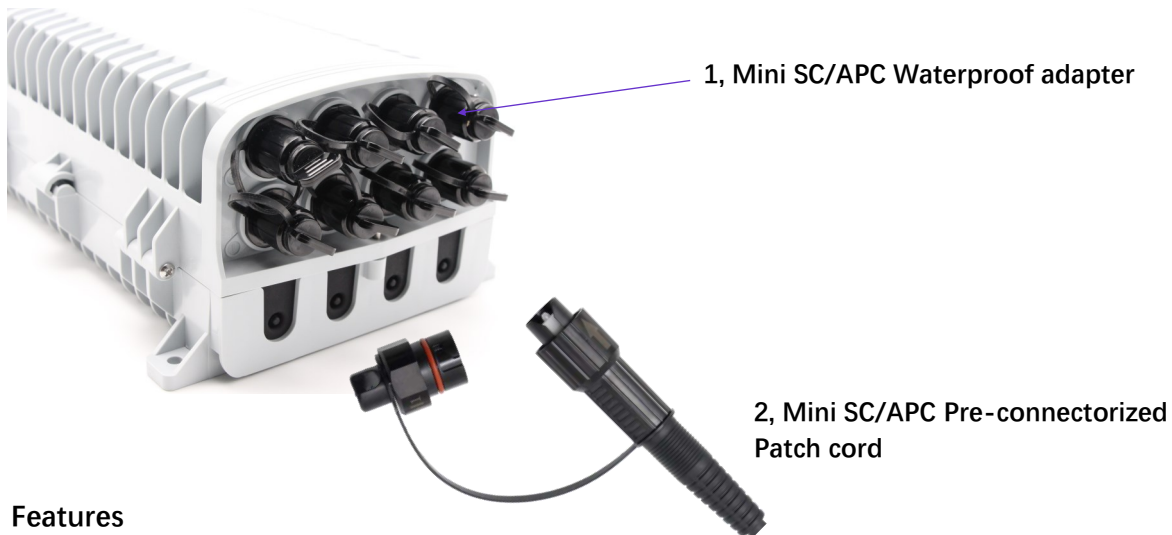
Model No.	PTB-8B	Color	Black/Grey
Splice Capacity	36F Splice	Input Cable PORTS	4
Material	ABS/ABS+PC	Output Adapters	8x Mini SCAPC waterproof adapters<0.2dB
Dimension(L*W*D,)	312.95x194.65x119.85mm	Suitable Splitter	Can be with 2x1:4 blockless splitter or 1x1:8 blockless Splitter
Flame retardant performance	Non-flame retardant	Protection Level	IP68 Indoor/Outdoor
Installation Method	Wall&Pole mounted	Insertion loss	≤0.2dB (1310nm & 1550nm)





8 Ports FTTX Pre-connectorized Terminal Box PTB-8B

Pre-connectorized waterproof SCAPC adapters Details



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. Suitable for a variety of installation scenarios, support above-ground, underground, Manhole.well, hand well
7. Box can be installed by the way of wall-mounted or poled-mounted, suitable for both

Specification

1、 Environmental requirement

Working temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Relative humidity: $\leq 85\%$ ($+30^{\circ}\text{C}$)

Atmospheric pressure: $70\text{KPa} \sim 106\text{Kpa}$

2、 Main technical datasheet:

Insertion loss: $\leq 0.2\text{dB}$

UPC return loss: $\geq 50\text{dB}$

APC return loss: $\geq 60\text{dB}$

3、 Thunder-proof technical datasheet

The insulation resistance between the grounding device and the metal parts of the box is no less than $2 \times 10^4 \text{ M}\Omega/500\text{V}$ (DC) ; $IR \geq 2 \times 10^4 \text{ M}\Omega/500\text{V}$, 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; $U \geq 3000\text{V}$

Standard Accessories:

- Key*1
- Accessories bag*1
- Manual*1

Optional Accessories:

- Pole ring*2, Overhead installation hook

