

# SPECIFICATION

## FTTX PRE-CONNECTORIZED TERMINAL BOX PTB-16C



## Description

The FTTX Pre-connectorized Terminal Box PTB-16C is used as a termination box 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. It can offer 16 FTTH subscribers access points.

## Specification:



Input Cable OD	1 mid span port( $\Phi 16.5\text{mm}$ Max) for Uncut cable	Dimension(L*W*D,)	345x220x95mm
Capacity	8ports Waterproof Mini SC APC adapters<0.2dB+5x24F Splice trays	Protection Level	IP65 Indoor/Outdoor
Material	PC+ABS, ABS	Suitable Splitter	1:8 or 2:8 or 1:16 Blockless PLC Splitter
Color	Grey,Black,White.	Installation Method	Wall&Pole mounted

### 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  $3000\text{V}$  (DC) /min, no puncture, no flashover;  $U \geq 3000\text{V}$

### Standard Accessories:

PTB-16C Box x 1  
Special Key x 1  
Accessories bag x 1

### Optional Accessories:

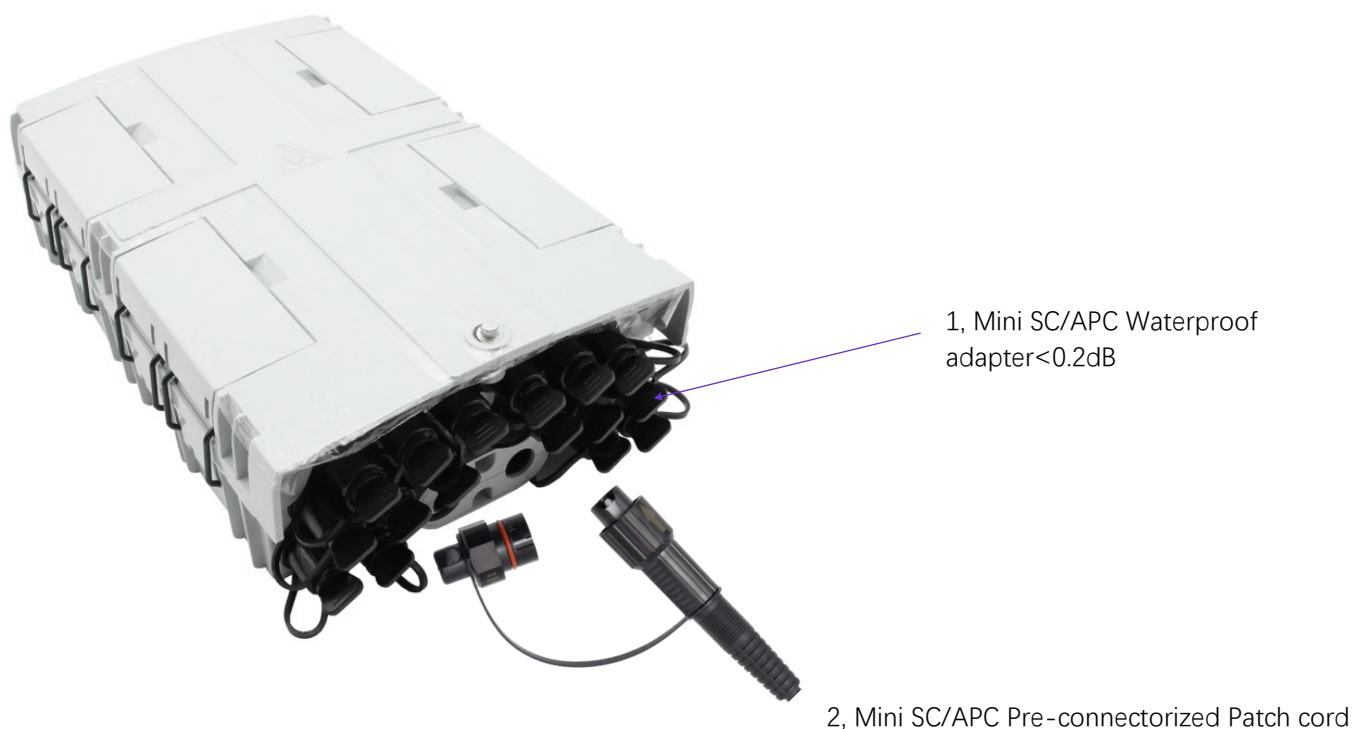
Pole ring\*2, Overhead installation hook x 1  
Wall Mounted Components x 1  
Hanging Wire installation x 1



## Features

1. Total enclosed structure.
2. Material:PC+ABS, wet-proof, water-proof, dust-proof, anti-aging, protection level up to IP65.
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. Distribution panel can be flipped up, feeder cable can be placed by expression port, easy for maintenance and installation.
6. Box can be installed by the way of wall-mounted or poled-mounted, suitable for both indoor and outdoor use.

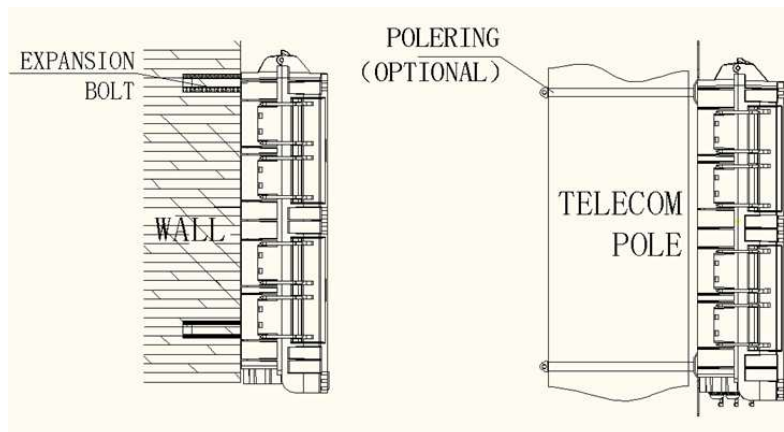
## Pre-connectorized waterproof SCAPC adapters Details



## Installation

### 1. Wall-mounted installation

Drill 4 holes over the wall based on the size, place the expansion bolt  $\Phi 7.5 \times 40$ , place the box to match up the holes and use bolt to fasten.



### 2. Pole-mounted installation

Fix 1 set of the easy pole ring to the telecom pole