SOFTEL

FTTX-PT-16X

Fiber Access Terminal Box

1. 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.

2. 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, patch cords are running through own path without disturbing each other, cassette type SC adaptor installation, easy maintenance.
5. Distribution panel can be flipped up, feeder cable can be placed in a cup-joint way, easy for maintenance and installation.
6. Cabinet can be installed by the way of wall-mounted or poled-mounted, suitable for both indoor and outdoor uses.

3. Specification

1. Environmental requirement

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

2. Main technical datasheet
   Insertion loss：≤0.3dB
   UPC return loss：≥50dB
   APC return loss：≥60dB
   Life of insertion and extraction：＞1000 times

3. Thunder-proof technical datasheet
   The grounding device is isolated with the cabinet, isolation resistance is less than 2×10^4 MΩ/500V(DC).
   IR≥2×10^4 MΩ/500V
   The withstand voltage between grounding device and cabinet is no less than 3000V (DC)/min, no puncture, no flashover; U≥3000V
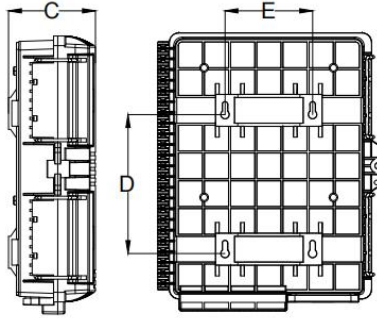
Installation Manual

4. Configuration table：
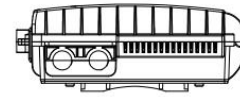
Table 1 Model and configuration

Material	Size (Pic 1) A*B*C	Max Capacity	Installation Size(Pic 2)D*E	Into the largest cable diameter (mm)	Cable outlet size(mm) Interchangeable
PC+ABS	250*200*72	16	130*82	18	2*3
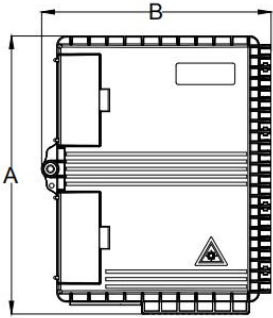
Pic 1 Box Size   Pic 2 Installation Size

5. Product cable ways：

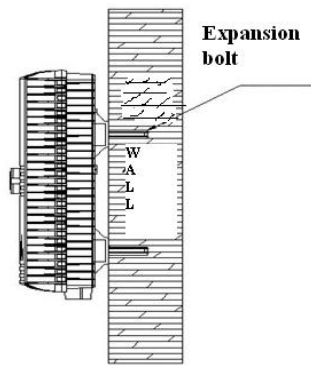MAIN CABLE   MAIN CABLE

PLC
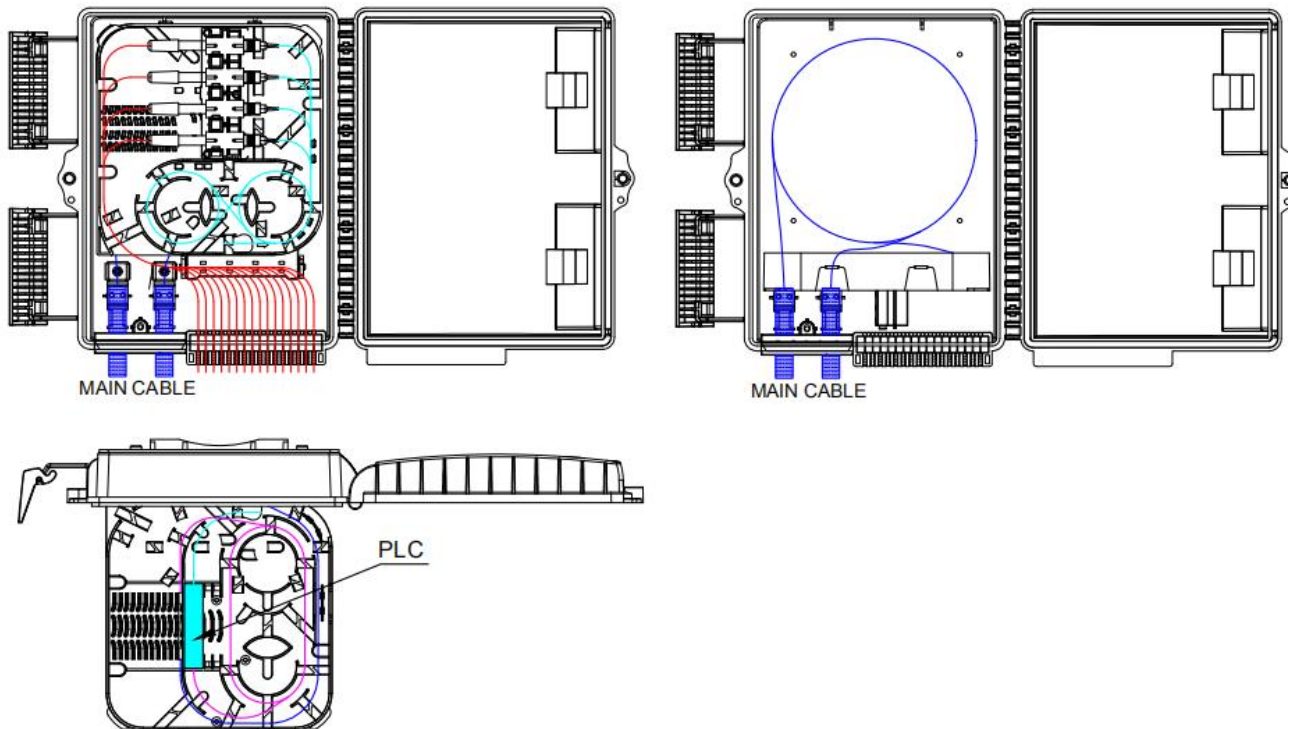
Pic 4   Cable ways

6. Installation：

1. Wall-mounted installation

Drill 4 holes over 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。(Pic 4)
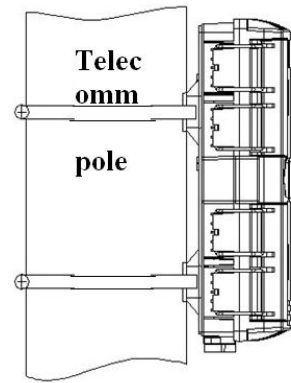
2. Pole-mounted installation

Installation Manual

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

Pic 5 Wall mounted installation

Pic 5 Pole ring installation

7. Accessories：

1. Users' Manual*1。
2. Key*1。
3. Accessories Bag * 1
5. Easy pole ring*2(Option)