

SPECIFICATION

FTTH FIBER ACCESS TERMINAL CLOSURE - IFATC-24D



Description

The FTTH Fiber Access Terminal box-IFATC-24D 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 24 FTTH subscribers access points.

Part No.: IFATC-24D-1



Configuration table	Wall mounting	Pole mounting installation
Size(mm)	290*210*111	290*210*111
Material	PC/ABS	PC/ABS
Color	black	black
Splice Capacity	48F	48F
out put ports	16: drop cable 2*3mm or <4.5mm round cable	
Into the largest cable diameter(mm)	1 mid span port(Φ8-16mm); 2 cable gland port (Φ7-12mm)	
Suitable PLC Splitter	1x8 or 1x16 Blockless type	
Inner box size(mm)	300*220*115	300*220*125
Individual weight(kg)	1.22	1.32
Outer box size(mm)	600*310*460	650*310*460
Gross weight(kg)	12.9	13.9
Outer box capacity(pcs)	10	10

Part No.: IFATC-24D-2



Configuration table	Wall mounting	Pole mounting installation
Size(mm)	290*210*111	290*210*111
Material	PC/ABS	PC/ABS
Color	black	black
Splice Capacity	12F	12F
out put ports	16: drop cable 2*3mm or <4.5mm round cable	
Into the largest cable diameter(mm)	1 mid span port(Φ8-16mm); 2 cable gland port (Φ7-12mm)	
Suitable PLC Splitter	1x8 or 1x16 Mini Plug-in module Type	
Inner box size(mm)	300*220*115	300*220*125
Individual weight(kg)	1.21	1.31
Outer box size(mm)	600*310*460	650*310*460
Gross weight(kg)	12.8	13.8
Outer box capacity(pcs)	10	10

Part No.: IFATC-24D-3


Configuration table	Wall mounting	Pole mounting installation
Size(mm)	290*210*111	290*210*111
Material	PC/ABS	PC/ABS
Color	black	black
Splice Capacity	12F	12F
out put ports	16: drop cable 2*3mm or <4.5mm round cable	
Into the largest cable diameter(mm)	1 mid span port(Φ8-16mm); 2 cable gland port (Φ7-12mm)	
Suitable PLC Splitter	1x8 or 1x16 Blockless type	
Inner box size(mm)	300*220*115	300*220*125
Individual weight(kg)	1.34	1.44
Outer box size(mm)	600*310*460	650*310*460
Gross weight(kg)	14.1	15.1
Outer box capacity(pcs)	10	10

Features:

- 1、Total enclosed structure.
- 2、Material: PC+ABS, wet-proof、water-proof、dust-proof、anti-aging, protection level up to IP65/66。
- 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

Specification
1、Environmental requirement

Working temperature: -40℃ ~ +85℃

Relative humidity: ≤85% (+30℃)

Atmospheric pressure: 70KPa ~ 106Kpa

2、Main technical datasheet

Insertion loss: ≤0.15dB

UPC return loss: ≥50dB

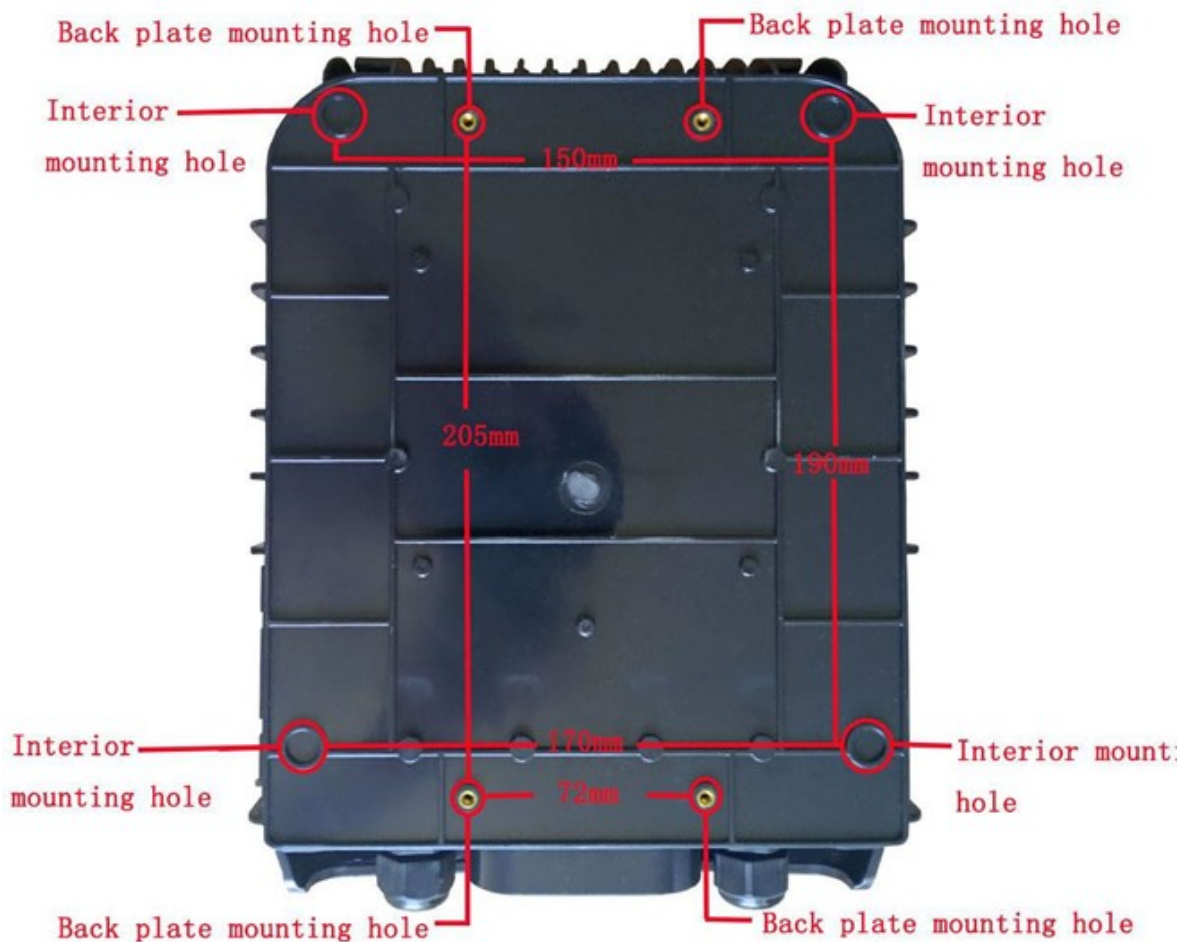
APC return loss: ≥60dB

3、Thunder-proof technical datasheet

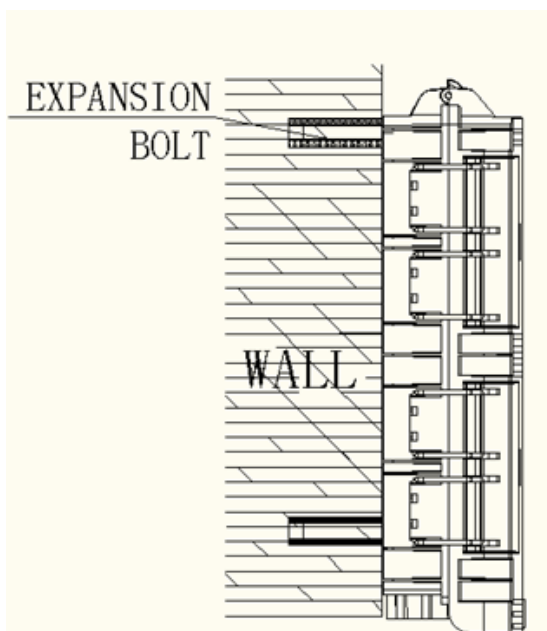
The insulation resistance between the grounding device and the metal parts of the box is no less than $2 \times 10^4 \text{M}\Omega/500\text{V}$

(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; $U \geq 3000\text{V}$

Installation Introduce



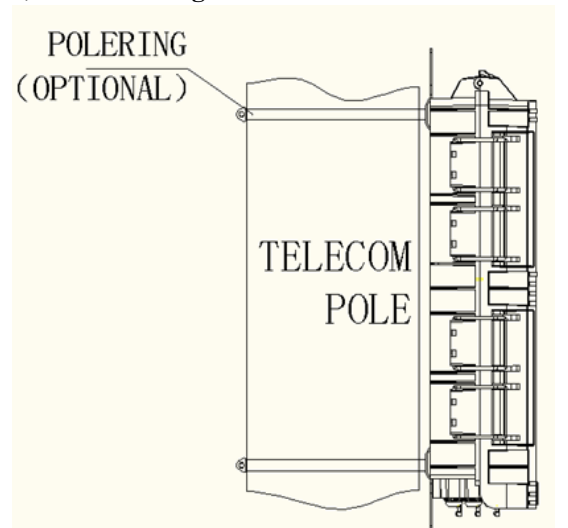
1, Wall mounting Installation



Accessories-Standard



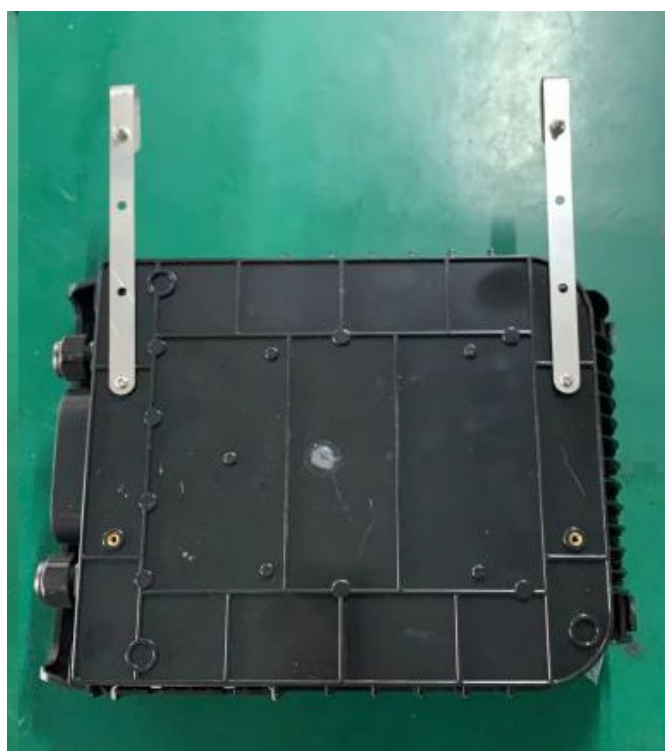
2, Pole mounting installation



Accessories-Standard



3, Aerial Installation



Accessories-Standard

