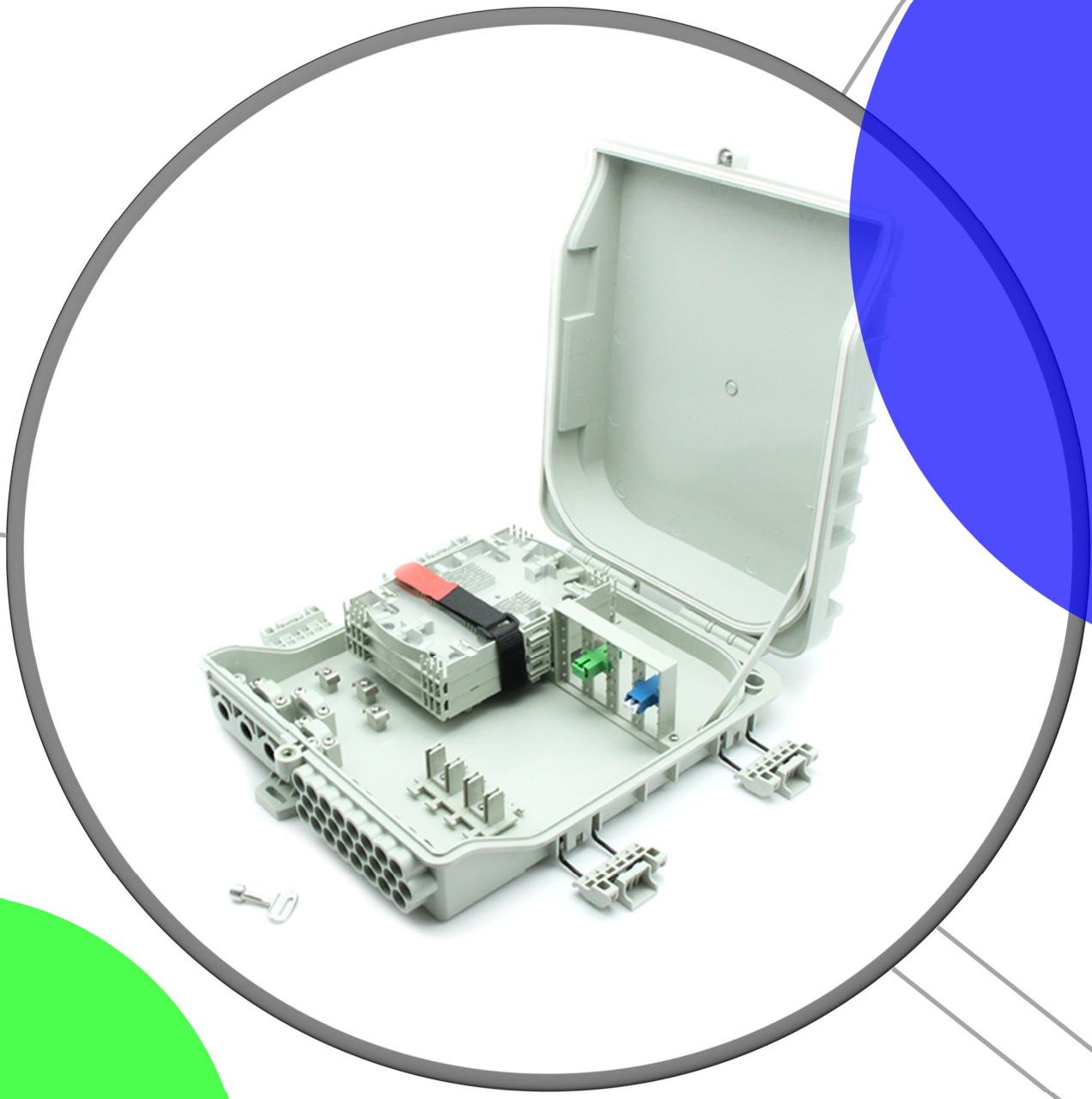
2024|En version 2.0

SPECIFICATION

FTTH FIBER ACCESS TERMINAL CLOSURE - IFATC-24A



FTTH Fiber Access Terminal closure - IFATC-24A

Description

Fiber Access Terminal closure known as **Fiber Access Terminal box** (FTB) as well, is a compact fiber management product of small size. It is widely adopted in FTTx cabling for both fiber cabling, provides the connection between fiber optic cables and passive optical splitters .

Fiber Access Terminal box contains the shell, the internals (supporting frame, set fiber disc, fixing device) and optical fiber joint protective element. Prominent advantages of fiber termination box lie in efficient cable-fixing, welding and its protective role in machinery of the optical fiber.

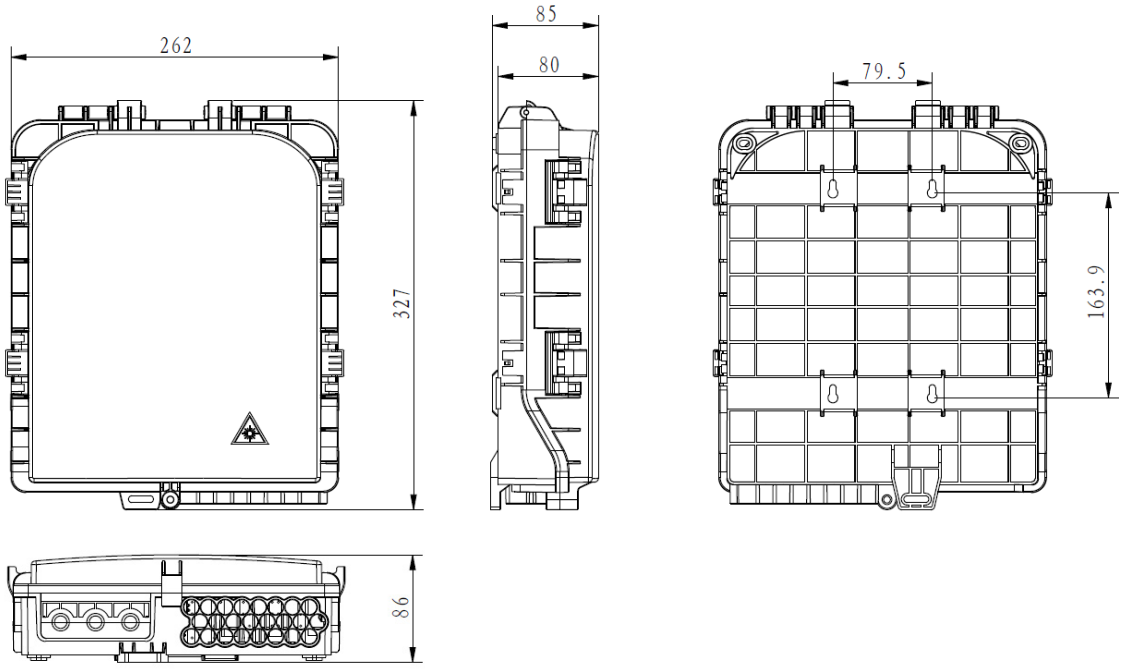
The fiber splicing, splitting, distribution can be done in this box, and meanwhile it provides solid protection and management for the FTTx network building. It can offer 24 FTTH subscribers access points.

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 x2/1x4/1x8/1x16 Splitter Can be installed as an option., 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.
7、Entrance cable OD:6-12mm
8、Distribution cable of 24ports for 2-10mm drop cable.
9、Wall Mount and Pole mount Install

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS or ABS	L*W*H(mm) 327x262x85	Splice 72 Fibers	1*8/1*16 mini type splitter	**24** pcs SC/UPC or SC/APC	1.38kgs	Grey



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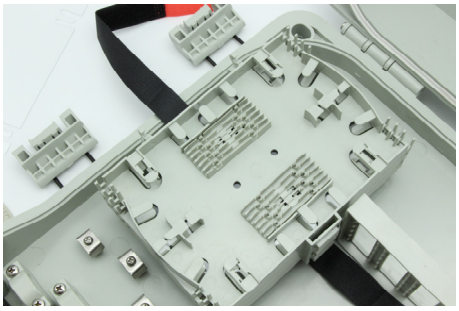
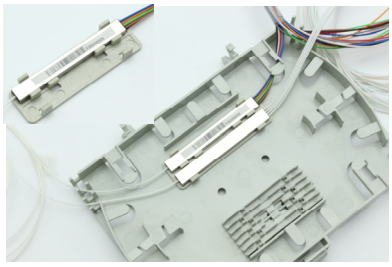
Product advantages

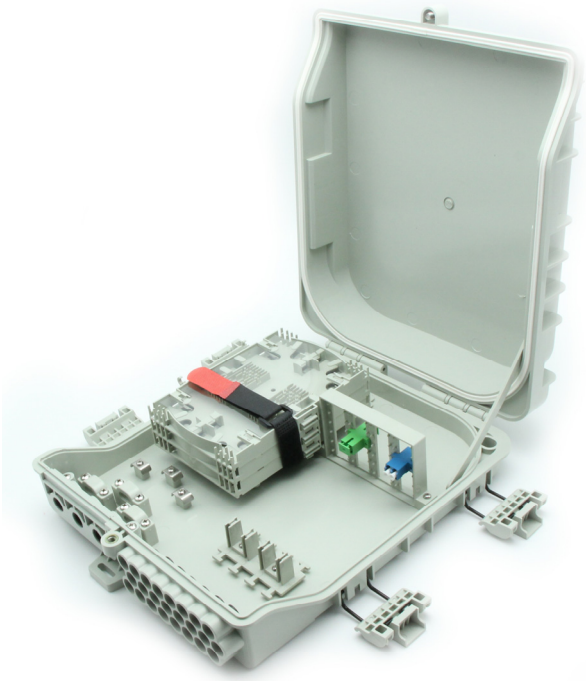
1, Auxiliary locking device, Offer IP65 protection

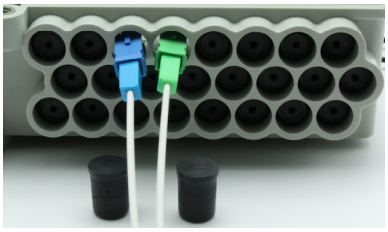


2,Stackage splice tray. 12-72 cores

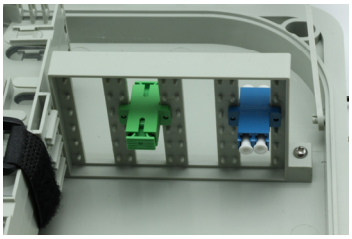


4, Splitter &Splice connection change flexible

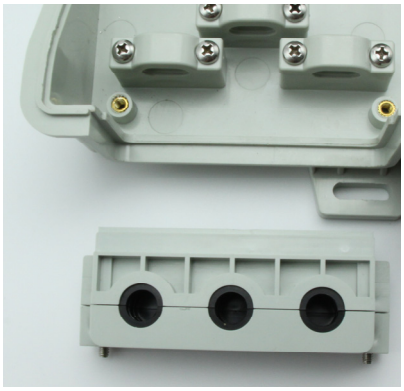




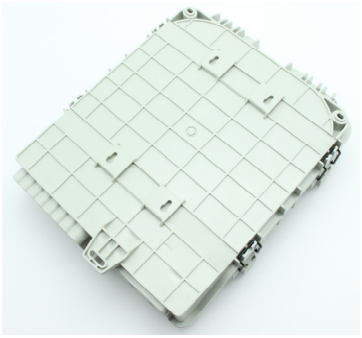
3, Precut seal rubber, Easy to patching with SC Connector connection.



5, Directly Adapter Install design, Easy operation



6, No Need to cut the input cable, Connect directly. Max 13.5mm OD cable can come in freely



7, Available for WALL MOUNT AND POLE MOUNT

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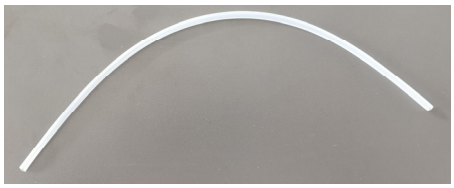
Standard Accessories:

NYLONG TIE x 35

45mm Sleeve x 72

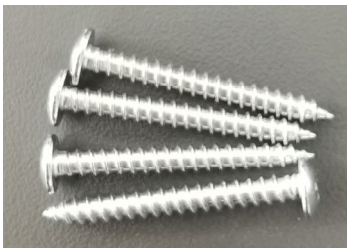


PE TUBE 30cm x 1

Cable protection coil 1 x3

Cable protection coil 2 x3

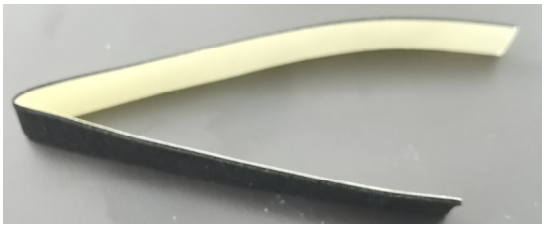
Expansion screw x 4



Self-tapping screws x4

1x16 PLC splitter Holder x 1

1x4/1.x8 PLC splitter Holder x1



Adhesive foam Tape (10x200mm) x 1

Optional Accessories: Pole mounted rings x 2pcs

Working Environmental conditions:

1. Working temperature: -40°C+60°C;
2. Relative humidity: ≤93%(at +40°C);
3. Atmospheric pressure: 62kpa~101kpa (Approximate elevation 0 ~ 5000m) ;
4. Insert Loss: ≤0.35dB;
5. Return Loss: ≥50 dB;
6. Plug durability: >1000 times;
7. Insulation resistance: ≥1000MΩ/500v(DC);
8 Grounding resistance : >3000V (DC)/1min without breakdown, flashover

Application

Optical Telecommunication System,
LAN,Optical fiber Communication System
Optical fiber broadband access network
FTTH access network

FTTH Fiber Access Terminal closure - IFATC-24A

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 ´104 MΩ/500V（DC）；IR≥2´104 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

1. Wall-mounted installation

Drill 4 holes over the wall based on the size，place the expansion bolt Φ7.5*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