**SPECIFICATION**

# FTTH FIBER ACCESS TERMINAL BOX-IFATC-24B



OMC FTTH

## Description

The FTTH Fiber Access Terminal box-IFATC-24C 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.
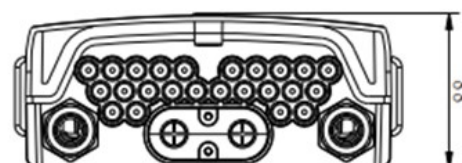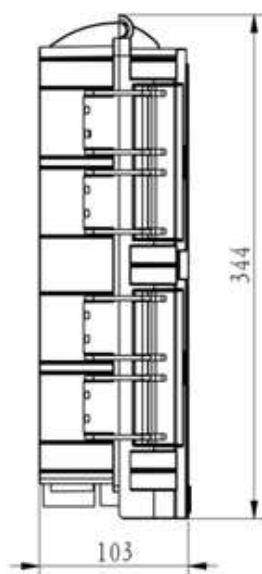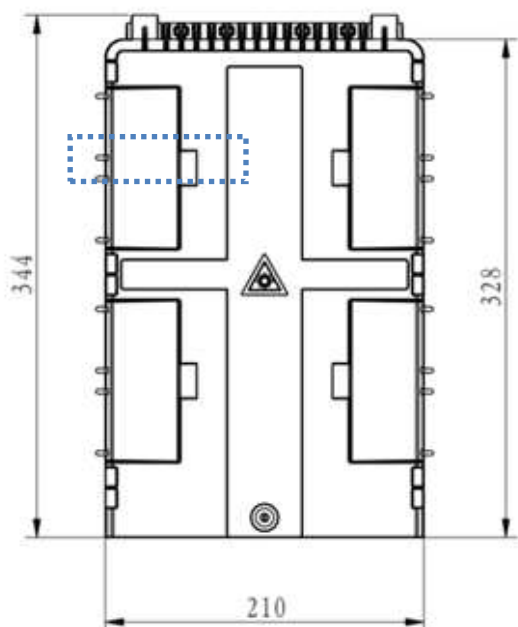
## Specification:



| IFATC-24B1 | IFATC-24B2 | IFATC-24B3 | Splice tray-24B |

| Model No. | IFATC-24C | Color | Black, Grey White.. |
|---|---|---|---|
| Capacity | 24ports SC+96F Splice | Protection Level | IP65 Indoor/Outdoor |
| Material | PC+ABS, ABS | Flame retardant performance | Non-flame retardant |
| Dimension(L*W*D,MM) | 344*210*88 | Splitter | Can be with 4x1:8 tube splitter |
| Input Cable OD | 8-15mm | Output cable OD | 2.0-5.0mm FTTH Cable x24 |
| Installation Method | Wall mounted | Insertion loss | ≤0.2dB（1310nm & 1550nm) |

![OMC FTTH logo] **FTTH Fiber Access Terminal box-IFATC-24B**

## 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 in-stallation.
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 ´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

## Package Information

Plastic bag size: 500*410mm
Inner box with single corrugated size: 355*225*115mm
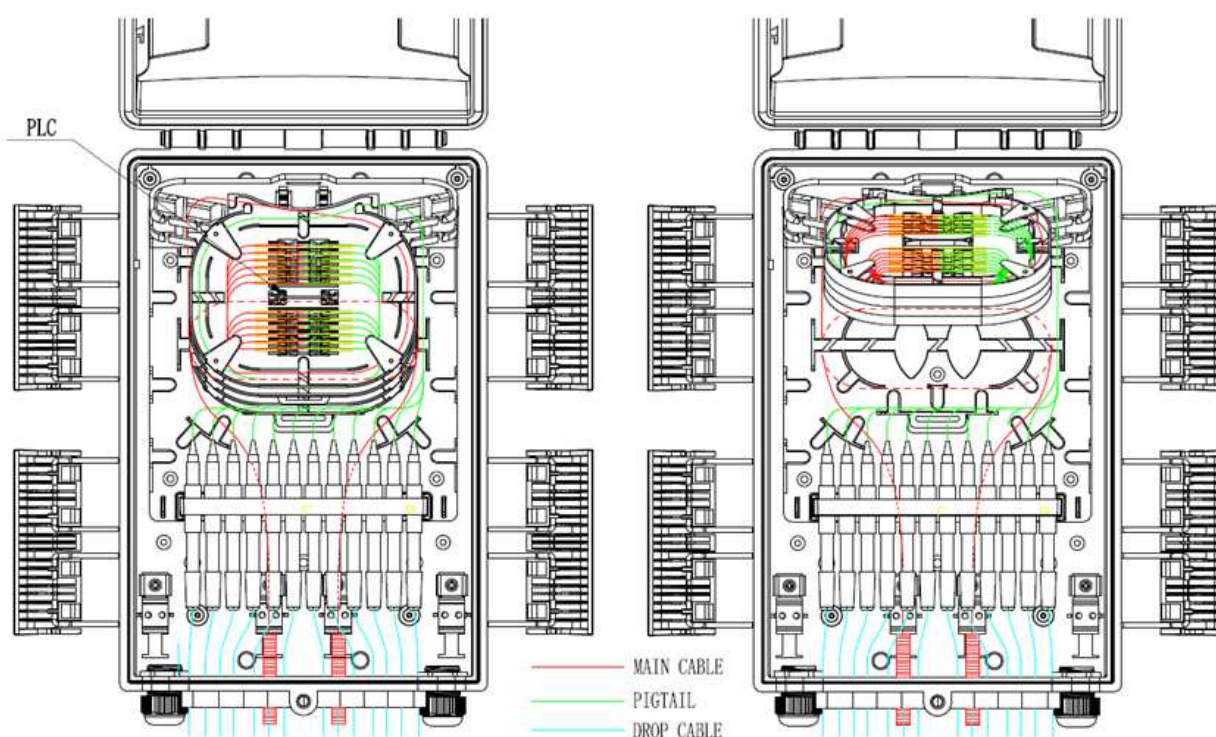Carton with double corrugated size:605*370*475mm(10PCS/Box)
Weight per carton：21KG

## Application

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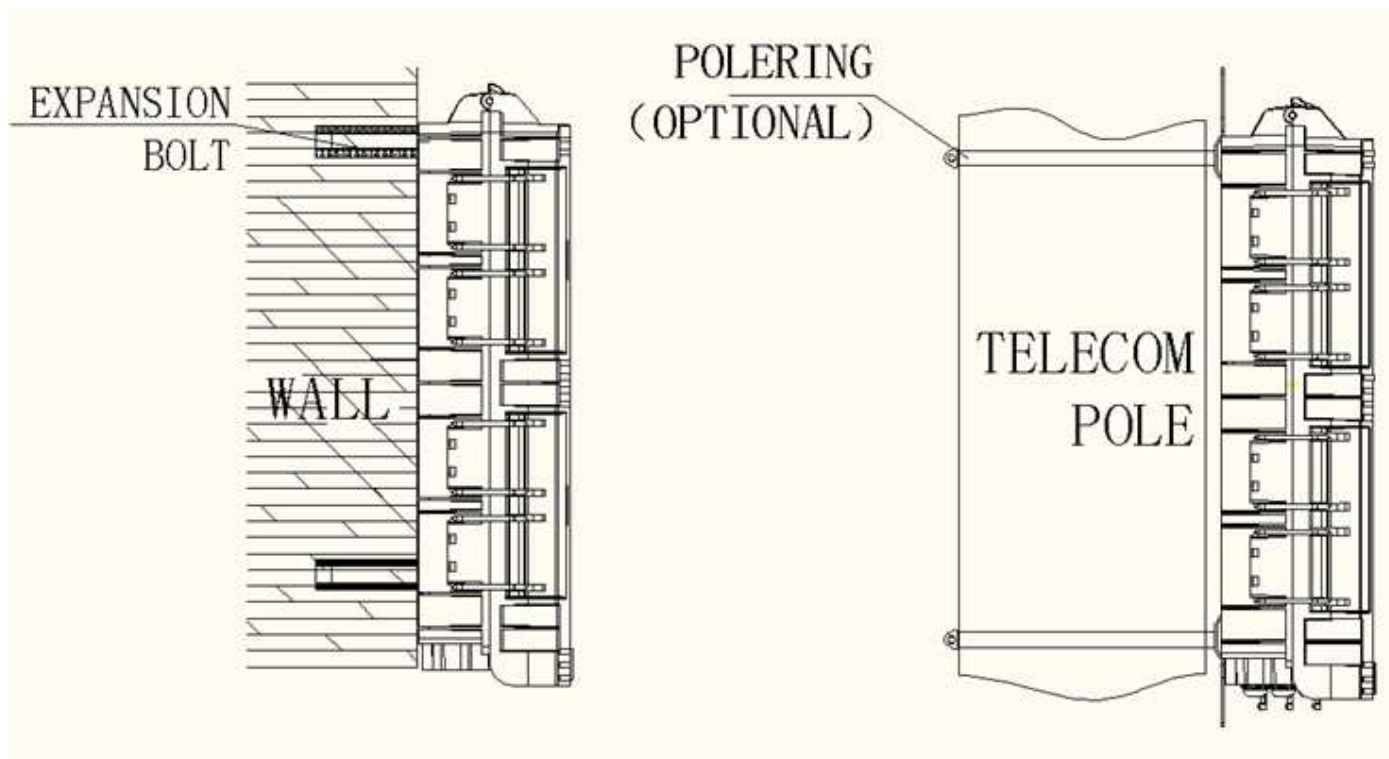FTTH access network

## Product cable ways



MAIN CABLE
PIGTAIL
DROP CABLE

## 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

EXPANSION BOLT

WALL

POLERING (OPTIONAL)

TELECOM POLE

## Accessories：

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