

# SPECIFICATION

## FTTH FIBER ACCESS TERMINAL BOX-IFATC-32B



## Description

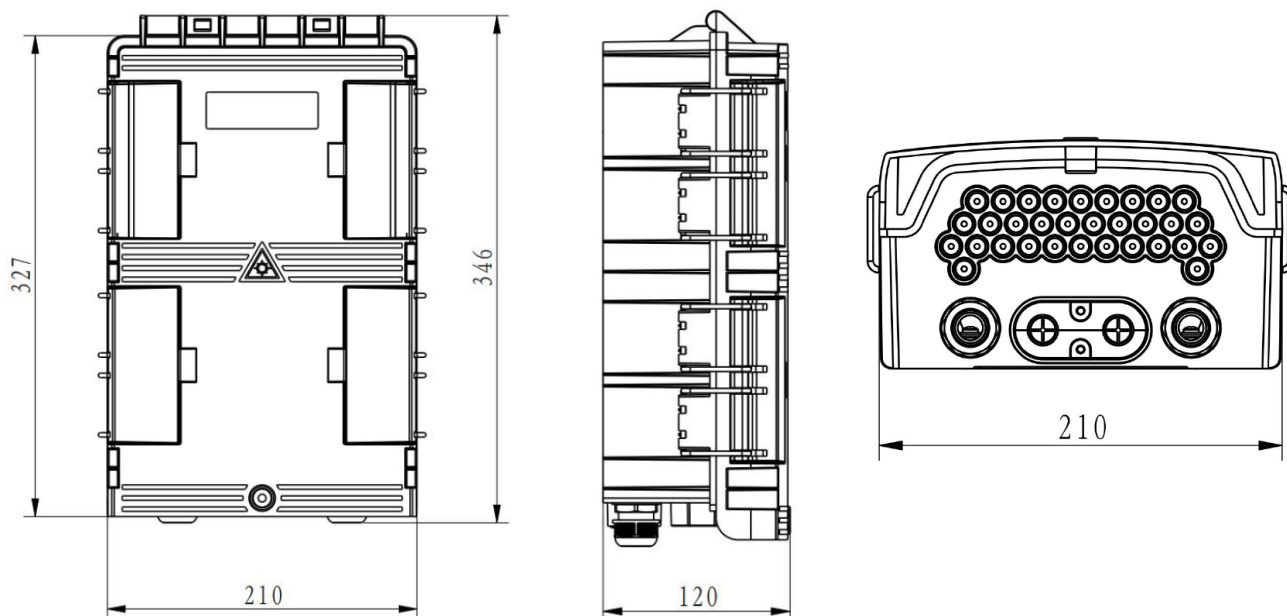
The FTTH Fiber Access Terminal box-IFATC-32B is used as a termination box for the feeder cable to connect with drop cable in FTTH communication network system. The fiber splicing, splitting, distribution can be done in this box, and meanwhile it provides solid protection and management for the FTTH network building. It can offer 32 FTTH subscribers access points.

## Specification:



**Splice tray-24B**

Model No.	IFATC-32B	Color	Black, Grey, White..
Capacity	32ports SC+96F Splice	Protection Level	IP65 Indoor/Outdoor
Material	PC+ABS, ABS	Flame retardant performance	Non-flame retardant
Dimension(L*W*D,MM)	346*210*120	Splitter	Can be with 4x1:8 PLC splitter
Input Cable OD	8-15mm	Output cable OD	2.0-5.0mm FTTH Cable x32
Installation Method	Wall mounted	Insertion loss	≤0.2dB (1310nm & 1550nm)



## 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:  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$  Relative humidity:  $\leq 85\%$  ( $+30^{\circ}\text{C}$ ) Atmospheric pressure:  $70\text{KPa} \sim 106\text{KPa}$

### 2、 Main technical datasheet:

Insertion loss:  $\leq 0.15\text{dB}$  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  $2 \cdot 10^4 \text{M}\Omega/500\text{V}$  (DC) ;  $IR \geq 2 \cdot 10^4 \text{M}\Omega/500\text{V}$ , 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;  $U \geq 3000\text{V}$

## Package Information

Plastic bag size:  $500 \times 410\text{mm}$

Inner box with single corrugated size:  $355 \times 225 \times 130\text{mm}$

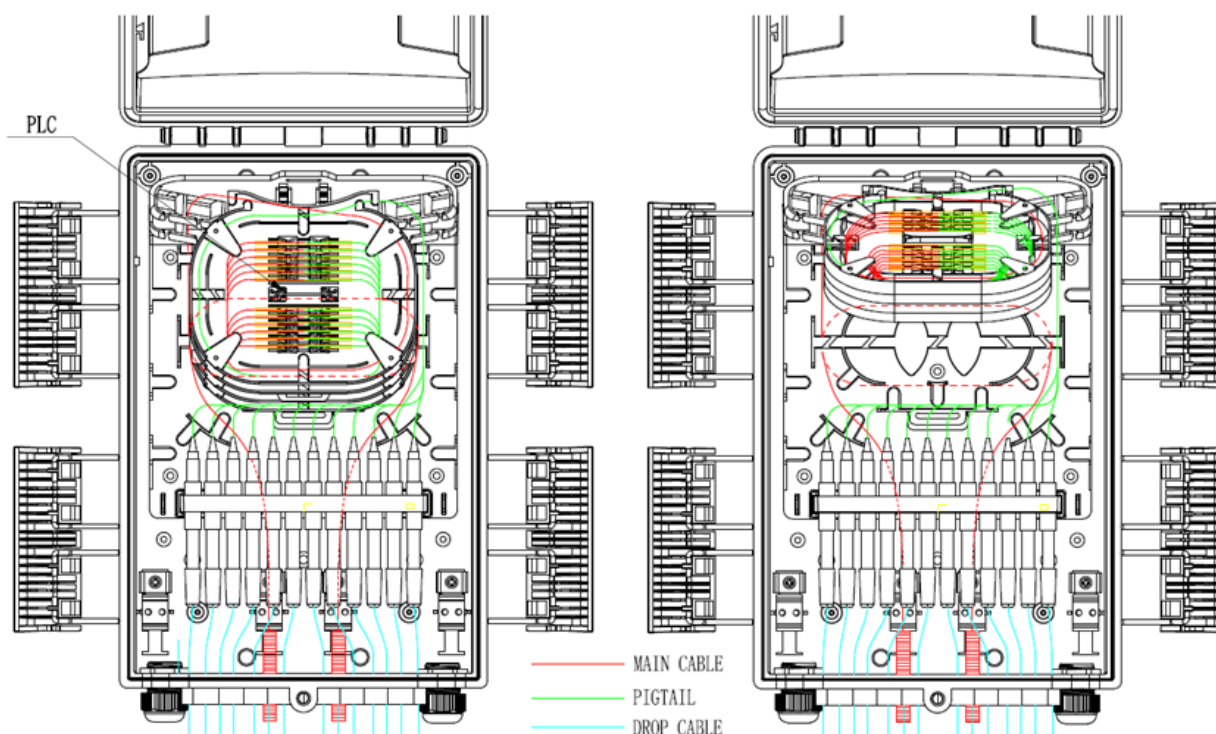
Carton with double corrugated size:  $665 \times 370 \times 460\text{mm}$  (10PCS/Box)

Weight per carton: 22KG

## Application

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

## Product cable ways



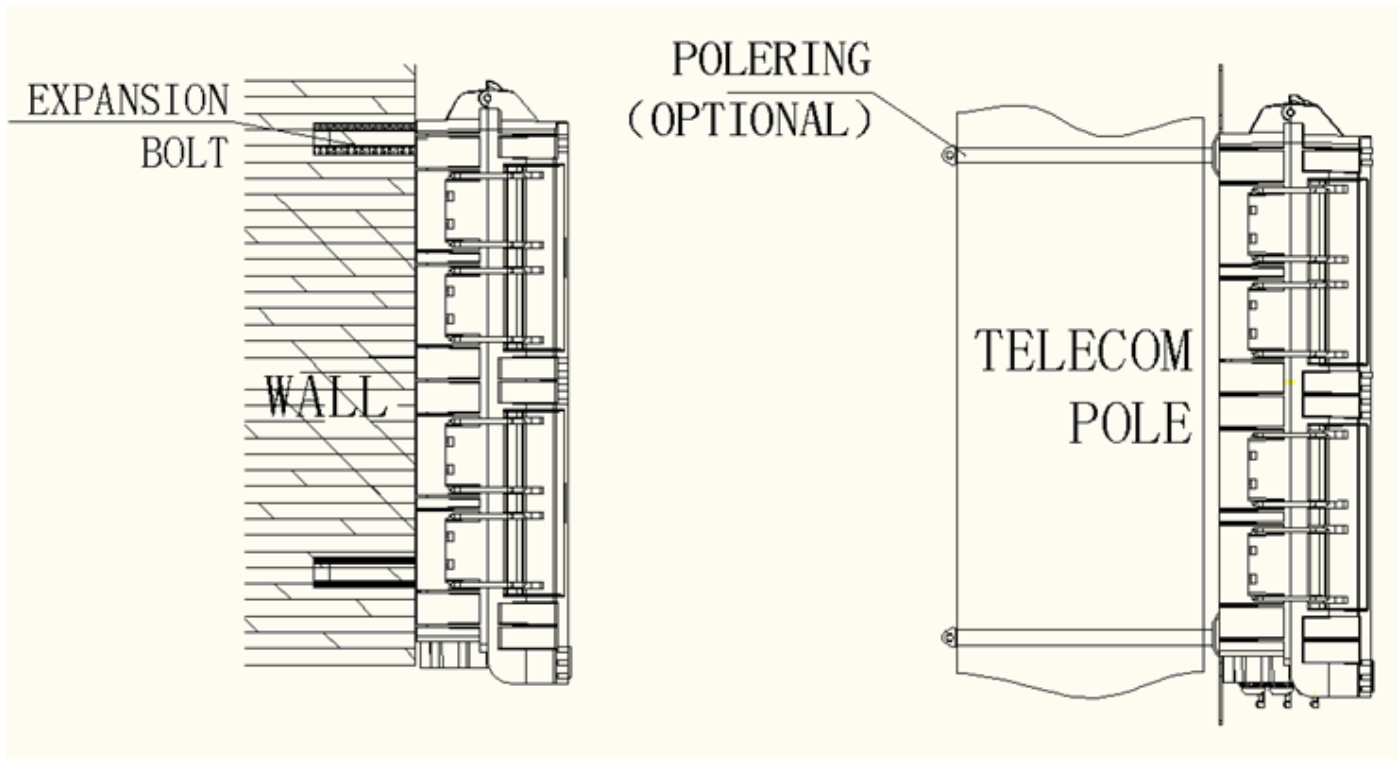
## Installation

### 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



## Standard Accessories:

1. Users' Manual\*1
2. Key\*1
3. Accessories Bag \* 1

## Optional Accessories:

1. Easy pole ring\*2 (Option)

