2024|En version 2.0

SPECIFICATION

FTTH FIBER ACCESS TERMINAL BOX-IFATC-16D

FTTH Fiber Access Terminal box-IFATC-16D

Description

The FTTH Fiber Access Terminal box-IFATC-16D 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 16 FTTH subscribers access points.

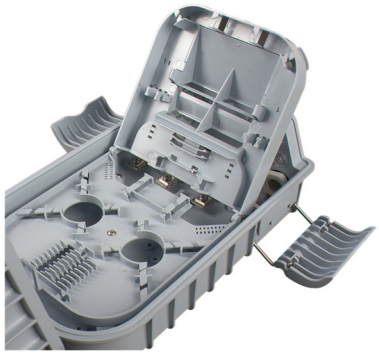
Specification:

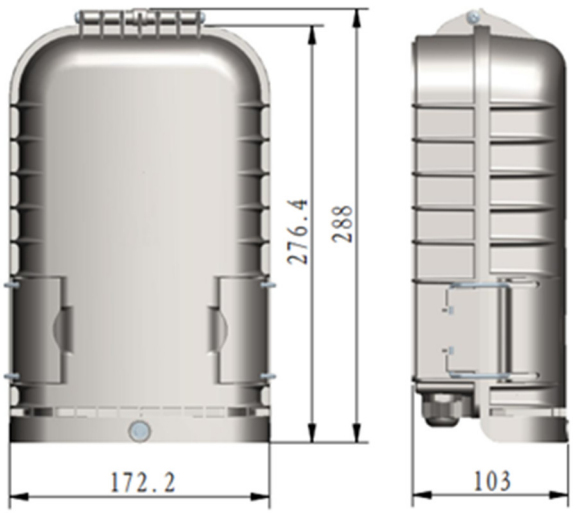
IFATC-16D

IFATC-16D1

IFATC-16D2

Model No.	IFATC-16D	Color	Black, Grey White..
Capacity	16ports SC+24F Splice	Protection Level	IP65 Indoor/Outdoor
Material	PC+ABS, ABS	Flame retardant performance	Non-flame retardant
Dimension(L*W*D,)	287x172x102mm	Splitter	Can be with 2x1:8 Plug in splitter or 1x1:16 plug-in Splitter
Input Cable OD	1mid span(Φ14.5mm), 2cable gland(Φ7-12mm)	Output cable OD	16: drop cable 2*3mm or <4.5mm round cable
Installation Method	Wall&Pole mounted	Insertion loss	≤0.2dB (1310nm & 1550nm)





FTTH Fiber Access Terminal box-IFATC-16D

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

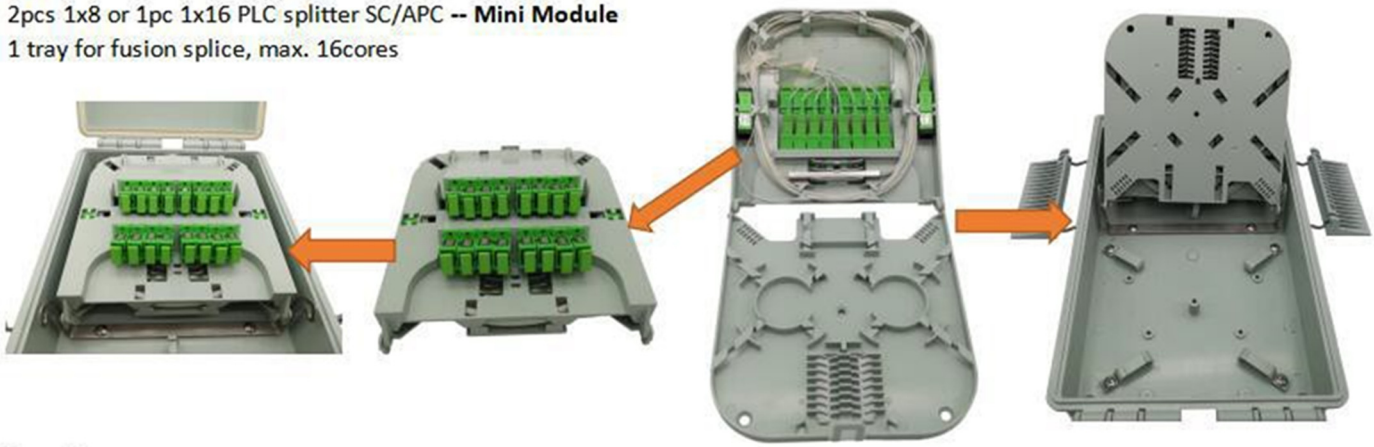
1、**Environmental requirement**
Working temperature: -40℃ ~ +85℃ Relative humidity: ≤85%（+30℃） Atmospheric pressure: 70KPa ~ 106Kpa
2、**Main technical datasheet:**
Insertion loss: ≤0.2dB UPC return loss: ≥50dB APC return loss: ≥60dB
3、**Thunder-proof technical datasheet**
The insulation resistance between 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

Application

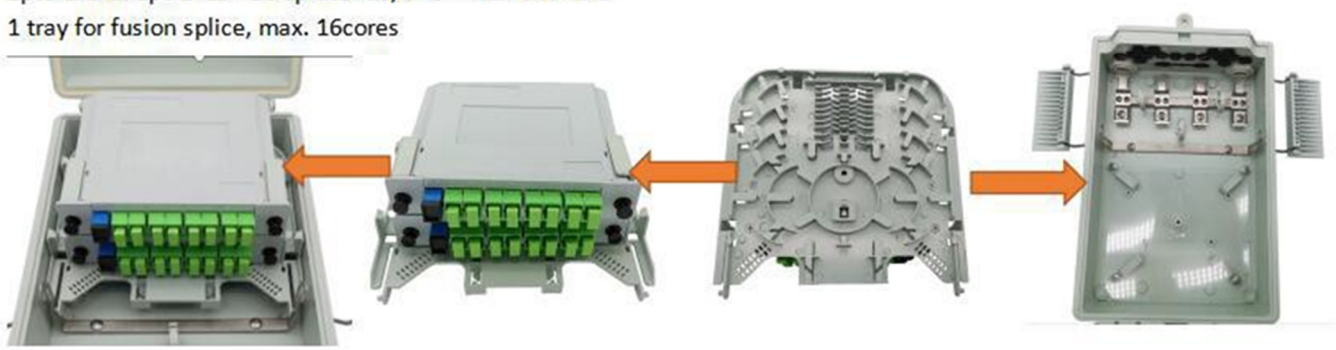
Optical Telecommunication System,
LAN,Optical fiber Communication System
Optical fiber broadband access network
FTTH access network

Internal Structure

Type A
2pcs 1x8 or 1pc 1x16 PLC splitter SC/APC -- **Mini Module**
1 tray for fusion splice, max. 16cores



Type B
2pcs 1x8 or 1pc 1x16 PLC splitter SC/APC -- **LGX module**
1 tray for fusion splice, max. 16cores



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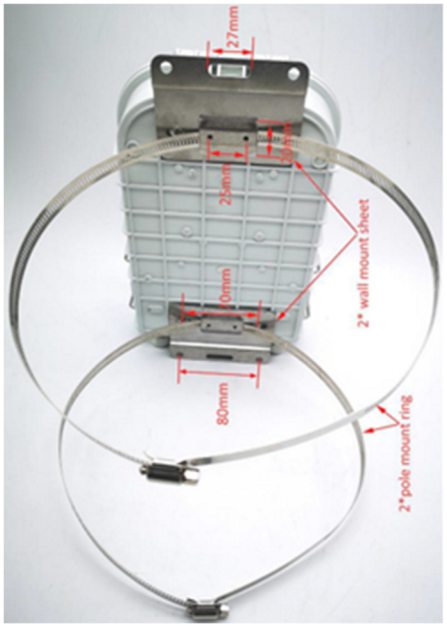
Accessories:



Standard Accessories:
Splice cassette and cable management tool, installation nuts and bolts, protection sleeves, hose clamp, cable tube, wreath, cover holder, rubber seal for cable entrance.
Optional Accessories: Pole ring

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