Fiber Optics Distribution Box

Overview

This distribution box is used as a termination point 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

Features

- Total enclosed structure.
- Material: PC+ABS, wet-proof, water-proof, dust-proof, anti-aging, protection level up to IP55.
- Clamping for feeder cable and drop cable, fiber splicing, fixation, storage, distribution...etc all in one.
- Cable, pigtails, patch cords are running through own path without disturbing each other, cassette type SC adaptor installation, easy maintenance.
- Distribution panel can be flipped up, feeder cable can be placed in a cup-joint way, easy for maintenance and installation.
- Cabinet can be installed by the way of wall-mounted or poled-mounted, suitable for both indoor and outdoor uses.

Dimensions and Capability

Box Size(Fig.1)	Max Capacity		Installation Size(Fig.2)
AxBxC (mm)	Splitter	Splice	AxB (mm)
410x370x130	48	48	340x258

Operation Conditions

Working Temperature	-40℃ -- +85℃
Relative Humidity	≤ 85% (+30℃)
Atmospheric pressure	70kPa – 106kPa

Main Technical Datasheet

Insertion loss	≤ 0.2 dB
UPC return loss	≥ 50 dB
APC return loss	≥ 60 dB
Life of insertion and extraction	> 1000 times

Thunder-proof Technical Datasheet

The grounding device is isolated with the cabinet, isolation resistance is no less than $2x10^4$ MΩ/500V(DC) (IR ≥ $2x10^4$ MΩ/500V(DC)).

The withstand voltage between grounding device and cabinet is no less than 3000 V(DC)/min (U ≥ 3000 V(DC)/min), no puncture, no flashover.

Shipping Information

Package Contents	Terminal box, 1 unit; Keys for lock, 2 keys; Accessories
Material	Carton Box
Weight	1.8 KG
Lead Time	10-15 working days normally