Fiber Optics Distribution Box

Overview

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 IP65.
- Clamping for feeder cable and drop cable, fiber splicing, fixation, storage, distribution all in one.
- Cable, pigtails, patch cords are running through own path without disturbing each other, cassette type SC adapter 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.
- The grounding device is isolated with the cabinet, isolation resistance is no less than 1000MΩ/500V（DC）；IR$\geq$1000MΩ/500V.
- The withstand voltage between grounding device and cabinet is no less than 3000V（DC）/min, no puncture，no flashover；U$\geq$3000V.

Dimensions and Capability

Adapter Capacity	24 PCs
Number of Cable Entrance/Exit	Max Diameter 13mm, up to 3 cables
Weight	1 KG
Optional Accessories	Adapters, Pigtails, Heat Shrink Tubes, Micro Splitters
Insertion loss	$\leq$0.2dB
UPC return loss	$\geq$50dB
APC return los	$\geq$60dB
Life of insertion and extraction	$>$1000 times

Operation Conditions

Temperature	-40℃ -- +85℃
Humidity	93% at 40℃
Air Pressure	62kPa – 101kPa

Shipping Information

Package Contents	Distribution box, 1 unit; Keys for lock, 1keys Wall mount installation accessories, 1 set
Material	Carton box
Weight	1.5 KG
Lead Time	10-15 working days normally