



FODB-16-P

Fiber Optic Enclosure 16 Ports



Description

The equipment 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... 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 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: $\leq 0.2\text{dB}$
- UPC return loss: $\geq 50\text{dB}$
- APC return loss: $\geq 60\text{dB}$
- Life of insertion and extraction: > 1000 times

3. Thunder-proof technical datasheet

- The grounding device is isolated with the cabinet, isolation resistance is less than $2\Omega/500\text{V}(\text{DC})$; $IR \geq 2\text{M}\Omega/500\text{V}$.
- The withstand voltage between grounding device and cabinet is no less than $3000\text{V}(\text{DC})/\text{min}$, no puncture, no flashover; $U \geq 3000\text{V}$.

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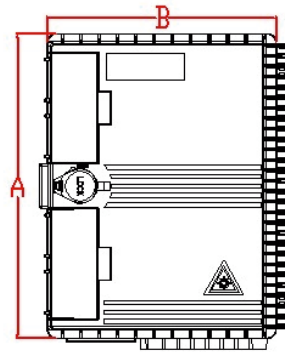
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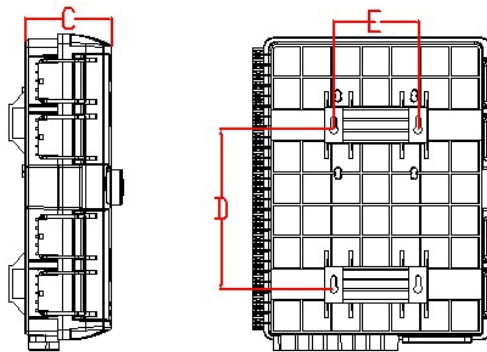
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Pic 1 Box Size



Pic 2 Installation Size

Configuration Table

Model	Description	Size (Pic 1)	Max Capacity			Installation Size (Pic 2)
		A*B*C (mm)	SC	LC	PLC	D*E (mm)
Box - 16 - OP - G - SKD - KY	Distribution Box	250*190*72	16	32	32 (LC)	155*82

Table 1. Model and Configuration

Accessories

1. Users' Manual*1
2. Key*1
3. Accessories Bag * 1
4. Easy pole ring*2, M6*20mm Bolt*2 (Option)