

## Fiber Optic Distribution Box

### 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, and 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 IP54.
- Clamping for feeder cable and drop cable, fiber splicing, fixation, storage, distribution...etc all in one.
- Cable, pigtails, and patch cords are running through their own paths without disturbing each other, micro type PLC splitter installation, easy maintenance.
- Distribution panel can be flipped up, feeder cable can be placed by expression port,easy for maintenance and installation.
- Box can be installed by the way of wall-mounted or poled-mounted, suitable for both indoor and outdoor use.



### APPLICATIONS

→ Wall mounting(indoor/outdoor) → FTTH

### SPECIFICATIONS

<b>Environmental requirement</b>	Working temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
	Relative humidity: $\leq 85\%$ ( $+30^{\circ}\text{C}$ )
	Atmospheric pressure: 70KPa~106Kpa
<b>Main technical datasheet</b>	Insertion loss: $\leq 0.15\text{dB}$
	UPC return loss: $\geq 50\text{dB}$
	APC return loss: $\geq 60\text{dB}$
<b>Thunder-proof technical datasheet</b>	The insulation resistance between the grounding device and the metal parts of the box is no less than $2 \times 10_4 \text{ M}\Omega/500\text{V}$ (DC); $IR \geq 2 \times 10_4 \text{ M}\Omega/500\text{V}$ . 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; $U \geq 3000\text{V}$

### CONFIGURATION TABLE

Model	Size (mm)	Max Capacity	Installation Size (mm)	Into the largest cable diameter (mm)	Maximum size of branch hole (mm)
ABL-FDB014-12C	200*110*45MM	12	82*135MM	$\varnothing 8 \sim 15$	$\varnothing 1.9$
ABL-FDB014-24C	265*155*55MM	24	112*150MM		