

# Fiber Optic Distribution Box

## Product Description:

- ◆ widely used as a termination point for feeder cable to connect with drop cable.
- ◆ The fiber splicing ,splitting, distribution can be done in this box,and meanwhile it provides solid protection and manegament for FTTX network.
- ◆ Can be used indoor or outoor.

## Features:

ABS material used ensures the body strong and light.

- **Water-proof** design for outdoor uses.
- **Easy installations:** Ready for wall mount – installation kits provided.
- **Adapter slots** used – No screws and tools needed for installing adapters.
- **Ready for splitters:** designed space for adding splitters.
- **Space saving!** Double-layer design for easier installation and maintenances:
  - Lower layer for splitters and over length fiber storage.
  - Upper layer for splicing, cross-connecting and fiber distribution.
- **Cable fixing units** provided for fixing the outdoor optical cable.
- **Protection Level: IP65.**
- **Accommodates** both cable glands as well as tie-wraps
- **Lock provided** for extra security

## Model and Configuration:

Model NO.	Description	Max Capacity			Installation Size (mm)	Mounting Way	Cable Way
		SC	LC	PLC			
FDB-8C	Splitter Box	8	16	8/16	173*136	Wall Mount	Waterproof Gland



**Packaging Details:**

Model No.	Inner Packaging Size	Outer Packaging Size	PCS/Package	G. W
	(mm)	(mm)	PCS	KG
FDB-8C	215*180*55	450*385*620	40	21.5

**Environmental requirement:**

Working temprature : -40°C~+85°C  
Relative humidity : ≤85% (+30°C)  
Atmospheric pressure : 70Kpa~106Kpa

**Main technical datasheet:**

Insertion loss : ≤0.2db  
UPC return loss : ≥50db  
APC return loss : ≥60db  
Life of insection and extraction : >1000 times

**Thunder-proof technical datasheet:**

The grounding device is isolated with the cabinet,  
isloation resistance is less than  $2 \times 10^4 \text{M}\Omega/500\text{V}(\text{DC})$ ;  
 $\text{IR} \geq 2 \times 10^4 \text{M}\Omega/500\text{V}(\text{DC})$

The withstand voltage between grounding device and  
cabinet is no less than  $3000\text{V}(\text{DC})/\text{min}$ , no  
puncture, no flashover;  $U \geq 3000\text{V}$

Detailed Picutres:

