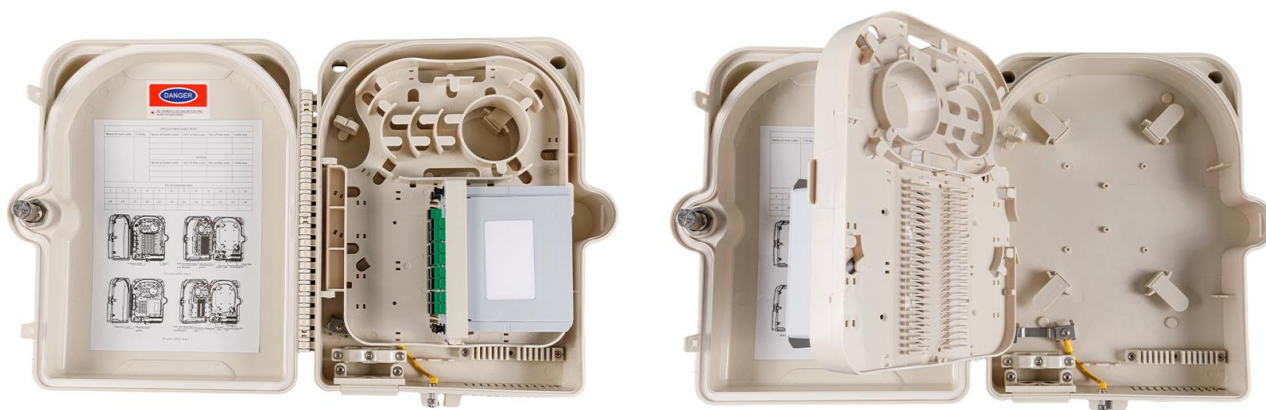


# FDB-16CS

## 16-Core Optical Distribution Box

### Application

- The FDB-16CS is engineered for FTTH networks, providing mechanical protection for fiber management systems including splicing, cable fixing, and integration of 1×16 cassette PLC splitters.
- IP55-rated to resist dust and low-pressure water jets, suitable for outdoor wall-mounted or pole-mounted installations, ensuring reliability in harsh environmental conditions.



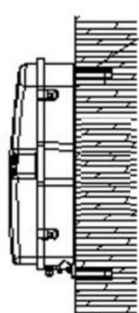
## Features & Benefits

- Adopts the same high-quality engineering plastic housing as the base model, ensuring long-term performance against UV, temperature fluctuations, and outdoor wear.
- Equipped with a dedicated splitter bracket on the tray, specifically designed to accommodate 1×16 plug-in PLC splitters for efficient fiber signal distribution.
- 2 main cable ports (Ø14mm) for uncut cables and 16 drop cable ports (Ø3mm) to support branch connections, matching the 1×16 splitter's distribution capacity.
- Features a hinge structure with screw lock (optional key lock) for secure access, and an integrated tray system with clear compartments for organized fiber routing.
- Compatible with both wall-mounted and pole-mounted installations, adapting to diverse outdoor deployment scenarios.

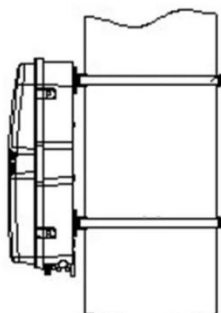
## Specifications

Part No.	FDB-16CS
Dimensions	320×240×100mm
Material	PC+ABS
Main Cable Ports	2 Mid-span ports × Ø14mm
Blind Ports	2 × PG16
Drop Cable Ports	24 × Ø3mm
Patching Capacity	16 SC Adapters
Splicing Capacity	24 Fibers (Single-core)
Splice tray	1 Tray
Suitable Splitter	1×16 Cassette PLC Splitter
IP Rating	IP55
Mounting	Wall / Pole Mount

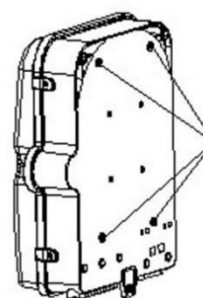
## Mounting Options



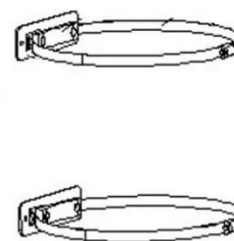
Wall-mounted



Pole-mounted



Installation Holes



## Standard Accessories

Picture	Name	Size	Quantity
	Wall-mounting Kit (for Wall mount Only)	/	3 Pairs
	Pole-mounting Kit (for Pole mount Only)	Clamp: Ø216mm	2 Pairs
	PG Gland	PG13.5 or PG16	2 PCS
	Nylon Cable Tie	3×100mm	12 PCS
	Splice Sleeve	1.2/45mm	2 PCS
	Buffer Tube	L=500mm	1 PC
	Drop Cable Fixing Part	/	16 PCS
	Key	/	2 PCS

## Packing List

Part No.	Carton Size	PCS/CTN	G.W.
FDB-16CS	61×37×64 CM	10	18 KGS