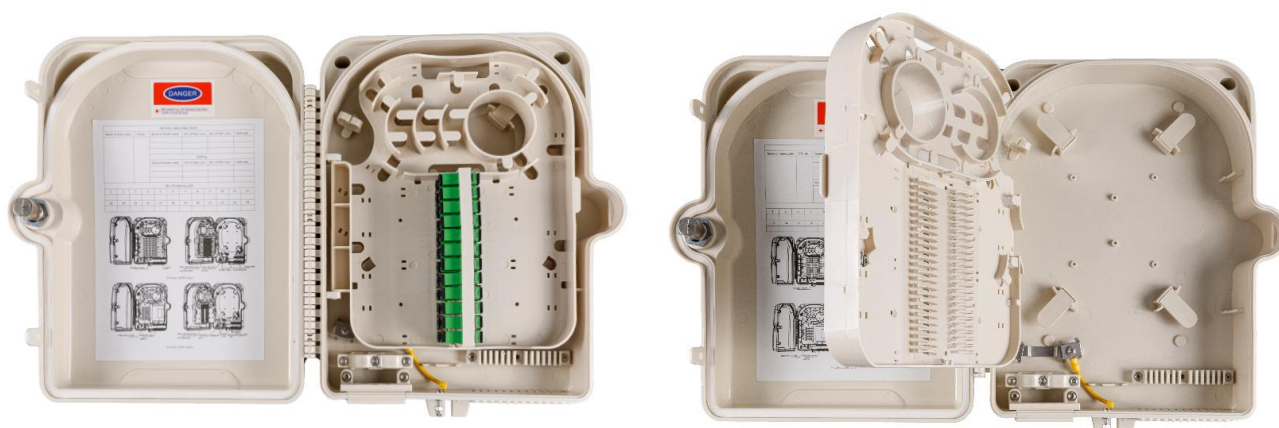


## FDB-24C

### 24-Core Optical Distribution Box

#### Application

- The FDB-24C is designed for FTTH networks, providing mechanical protection for fiber management systems including splicing, cable fixing, and high-density adapter connections via 24 SC adapters.
- IP55-rated to resist dust and low-pressure water jets, suitable for outdoor wall-mounted or pole-mounted installations, ensuring stable performance in diverse environmental conditions.



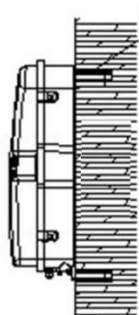
## Features & Benefits

- Utilizes the same high-quality engineering plastic housing as the base model, offering excellent resistance to outdoor elements (UV, temperature changes, and physical wear).
- Equipped with a dedicated adapter bracket on the tray, capable of mounting 24 SC adapters for high-volume fiber termination and patching.
- 2 main cable ports (Ø14mm) for uncut cables and 24 drop cable ports (Ø3mm) to match the 24 SC adapters, supporting extensive end-user connections.
- Features a hinge structure with screw lock (optional key lock) for secure access, and an integrated tray system with separated compartments for neat fiber management.
- Compatible with both wall-mounted and pole-mounted installations, adapting to various outdoor scenarios.

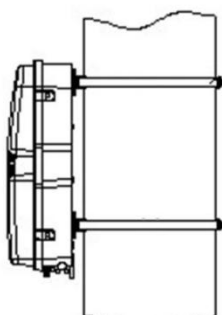
## Specifications

Part No.	FDB-24C
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	24 SC Adapters
Splicing Capacity	24 Fibers (Single-core)
Splice tray	1 Tray
Suitable Splitter	1×8 or 1x16 Micro PLC Splitter
IP Rating	IP55
Mounting	Wall / Pole Mount

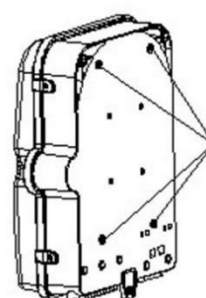
## Mounting Options



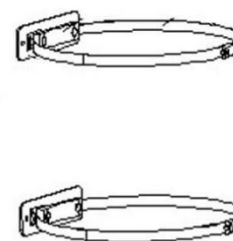
Wall-mounted



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	24 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-24C	61×37×64 CM	10	18 KGS