FDB-16JD

16-Port Fiber Distribution Box

Application

- Serves as a critical termination point in FTTx networks, facilitating the connection between feeder cables and drop cables, with integrated functions for fiber splicing and distribution.
- IP65-rated to resist dust and water, suitable for both wall-mounted and pole-mounted installations in outdoor or harsh indoor environments, providing robust protection for FTTx, telecom, and CATV network infrastructure.
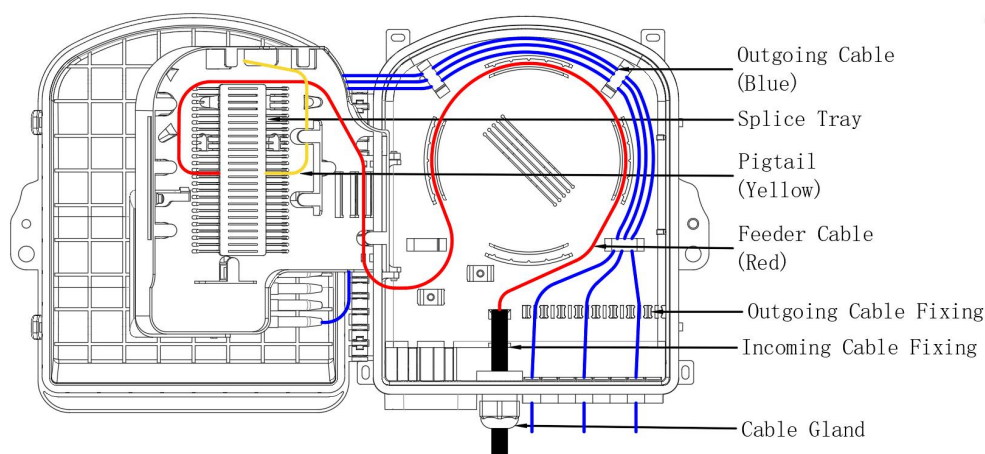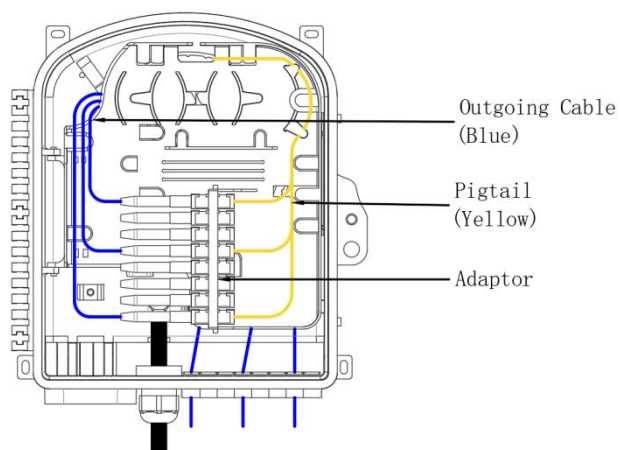
Features & Benefits

- Constructed from PC+ABS material with anti-UV properties, ensuring long-term performance against sunlight and environmental degradation.
- Supports 32-core splicing and 24 SC patching, meeting medium-scale network distribution needs for FTTx and telecom systems.
- Accommodates cable diameters from 8mm to 13mm, compatible with cord cables, patch cords, and drop fibers for versatile routing.
- Maintains a fiber bend radius of over 30mm to prevent signal loss and ensure optical performance integrity.
- Designed for simple access and capacity expansion, reducing downtime during upgrades or repairs.
- Compatible with wall mounting, pole mounting (via hose clamps), and optional cable storage setups, adapting to diverse site conditions.
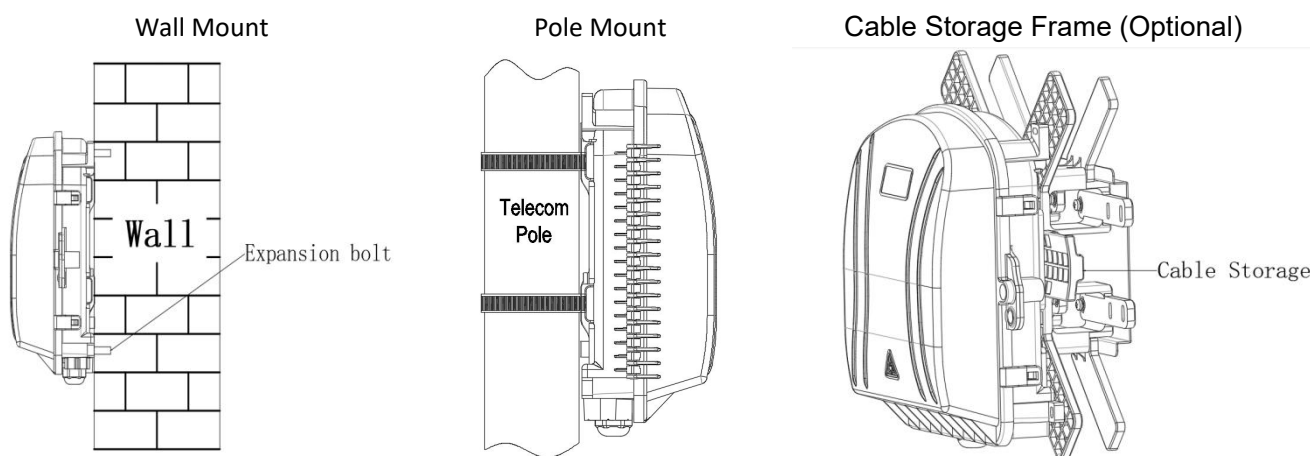
Specifications

Part No.	FDB-16JD
Dimensions	253×198×100 mm
Material	PC+ABS
Main Cable Ports	2 Mid-span ports × Ø8-13mm (for Un-cut cable)
Branches	1 × PG13.5
Drop Cable Ports	16 × Ø3mm
Patching Capacity	24 SC Adapters
Splicing Capacity	32 Fibers (Single-core)
Splice tray	1 Tray
Suitable Splitter	Two of 1×8 Micro PLC Splitter
IP Rating	IP65
Mounting	Wall / Pole Mount

Routing

Outgoing Cable (Blue)
Splice Tray
Pigtail (Yellow)
Feeder Cable (Red)
Outgoing Cable Fixing
Incoming Cable Fixing
Cable Gland

Outgoing Cable (Blue)

Pigtail (Yellow)

Adaptor

Mounting Options

Wall Mount

Pole Mount

Cable Storage Frame (Optional)

Wall

Expansion bolt

Telecom Pole

Cable Storage

Accessories

Picture	Name	Size	Quantity
	Wall-mounting Kit (for Wall mount Only)	/	4 Pairs
	Pole-mounting Kit (for Pole mount Only)	Clamp: Ø216mm	2 Pairs
	Spirally Wound Tube	L=50mm	1 PC
	Nylon Cable Tie	3×100mm	8 PCS
	Splice Sleeve	1.2/45mm	16 PCS
	Key	/	1 PC
	Cable Storage Frame	/	(Optional)

Packing List

Part No.	Carton Size	PCS/CTN	G.W.
FDB-16JD	44×59×53CM	20	25KG