FDB-8BJ

8/16 Cores FTTH Distribution Box

Application

- Designed for fiber optic distribution in FTTH networks, serving as a termination and splicing point for main and drop cables.
- Suitable for wall-mounted and pole-mounted installations, with an operating temperature range of -20℃ to +65℃, ensuring reliability in diverse indoor and outdoor environments.

Features & Benefits

- Compact Design: Space-saving 280×185×80mm dimensions, ideal for installations with limited space.
- Dual Port Configuration: 2 mid-span ports (φ7.5–15mm) for main cables and 8 drop ports (φ6–8mm) with interchangeable rubber grommets (3mm/3.5mm) to support single or duplex LC drop cables.
- Flexible Splicing: 1 splice tray with a capacity of 12 fibers, compatible with both mechanical and fusion splicing.
- Efficient Cable Management: Equipped with plastic and Velcro fiber loop rings for organized routing, maintaining a minimum fiber bend radius to prevent signal loss.
- Tool-Free Access: Hasp locks secure the cover and base, enabling quick opening for installation and maintenance.
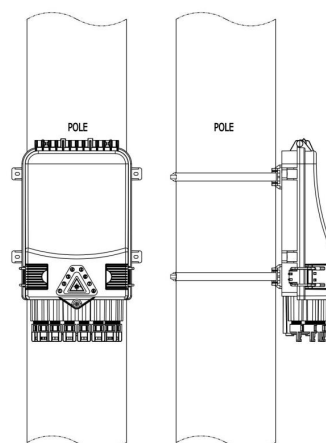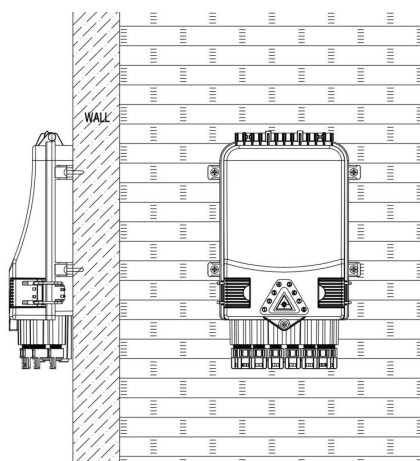
Specifications

Part No.	FDB-8BJ
Dimensions	280×185×80 mm
Material	MPP
Main Cable Ports	2 Mid-span ports × Ø7.5-15mm
Drop Cable Ports	8 × Ø6-8mm (Or Ø3/3.5mm with changeable grommets)
Patching Capacity	8 SC or LC Duplex Adapter
Splicing Capacity	6/12 Fibers (Single-core)
Splice tray	1 Tray
Suitable Splitter	1×8 micro PLC splitters
IP Rating	IP54
Mounting	Wall / Pole Mount

Cable Port Sealing Components

Picture	Name	Size	Remark
	Silicon Rubber (for Mid-span Ports)	Ø11.5mm	Suitable for cables from Ø7.5mm to Ø11.5mm
	Silicon Rubber (for Mid-span Ports)	Ø15mm	Suitable for cables from Ø11.5mm to Ø15mm
	Drop Port Rubber (with metal washer)	Ø3mm	Suitable for drop cables from Ø2mm to Ø3mm
	Drop Port Rubber (with metal washer)	Ø3mm	Suitable for LC Duplex (Ø3mm*2) drop cable

Mounting Options

Standard Accessories

Picture	Name	Size	Quantity
	Wall-mounting Kit (for Wall mount Only)	/	2 Pairs
	Pole-mounting Kit (for Pole mount Only)	Clamp: Ø216mm	2 Pairs
	Silicon Rubber	Ø15mm	1 PC
	Plastic Plug	Ø14mm	2 PCS
	Drop Port Rubber (Optional for LC Duplex Adapters)	Ø3mm	8 PCS
	Nylon Cable Tie	3×100mm	4 PCS
	Splice Sleeve	1.2/45mm	12 PCS
	Desiccant Bag	/	1 Bag
	Drop port Wrench	/	1 PC
	Installation Manual	A5	1 PC

Packing List

Part No.	Carton Size	PCS/CTN	G.W.
FDB-8BJ	47×39×33 CM	10	15 KGS