FDB-8CS

8-Core Optical Distribution Box

Application

- The FDB-8CS is designed for FTTx networks, providing mechanical protection for fiber management systems involving splicing, patching, and integration of passive components (cassette splitters).
- IP55-rated to resist dust and low-pressure water jets, making it suitable for both indoor and outdoor installations, with flexible mounting options (wall-mounted or pole-mounted).

Features & Benefits

- Crafted from high-quality engineering plastic, ensuring long-term reliability in diverse environments, including resistance to UV radiation and temperature fluctuations.
- Combines splice tray, distribution tray, and splitter housing into a single integrated tray, streamlining fiber management and reducing installation complexity.
- Supports up to 8 SC adapters, 20 splice slots, and is compatible with cassette splitters, meeting medium-scale FTTx distribution needs.
- Equipped with 2 mid-span ports (φ14mm) for un-cut cable entry, 12 drop cable ports (φ3mm) for branch connections, and 1 blind port (PG16) for future expansion or customization.
- Features a hinge structure with a small lock and 2 standard keys, preventing unauthorized access and safeguarding internal fiber connections.
- IP55 Rated Ensures resistance to dust ingress and low-pressure water jets, maintaining performance in outdoor or dusty indoor environments.
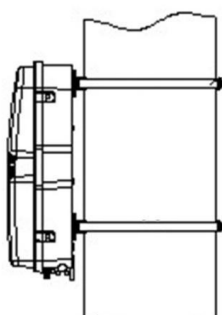
Specifications

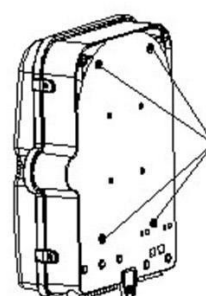| Part No.	FDB-8CS
Dimensions	225×200×65 mm
Material	PC+ABS
Main Cable Ports	2 Mid-span ports × Ø14mm
Blind Ports	1 × PG16
Drop Cable Ports	12 × Ø3mm
Patching Capacity	8 SC Adapters
Splicing Capacity	20 Fibers (Single-core)
Splice tray	1 Tray
Suitable Splitter	1×8 Cassette PLC Splitter
IP Rating	IP55
Mounting	Wall / Pole Mount

Mounting Options
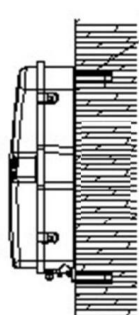
Wall-mounted

Pole-mounted

Installation Holes
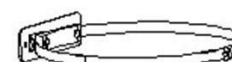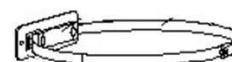
Standard Accessories

Picture	Name	Size	Quantity
	Wall-mounting Kit (for Wall mount Only)	/	2 Pairs
	Pole-mounting Kit (for Pole mount Only)	Clamp: Ø216mm	2 Pairs
	PG Gland	PG13.5 or PG16	1 PC
	Nylon Cable Tie	3×100mm	8 PCS
	Splice Sleeve	1.2/45mm	8 PCS
	Buffer Tube	L=500mm	1 PC
	Drop Cable Fixing Part	/	8 PC
	Key	/	2 PCS

Packing List

Part No.	Carton Size	PCS/CTN	G.W.
FDB-8CS	50×50×50 CM	20	18 KGS