

FDB-16PS

16-Port Fiber Splitter Box

Application

- Designed as a splitter-integrated hub in FTTH networks, FDB-16PS enables fiber fusion splicing and signal distribution via cassette splitters, supporting 8/16 cores of splicing and 1×16 or Two 1×8 splitters for residential or commercial deployments.
- IP65-rated to resist dust and high-pressure water jets, suitable for outdoor or harsh indoor installations (compatible with universal wall/pole mounting).



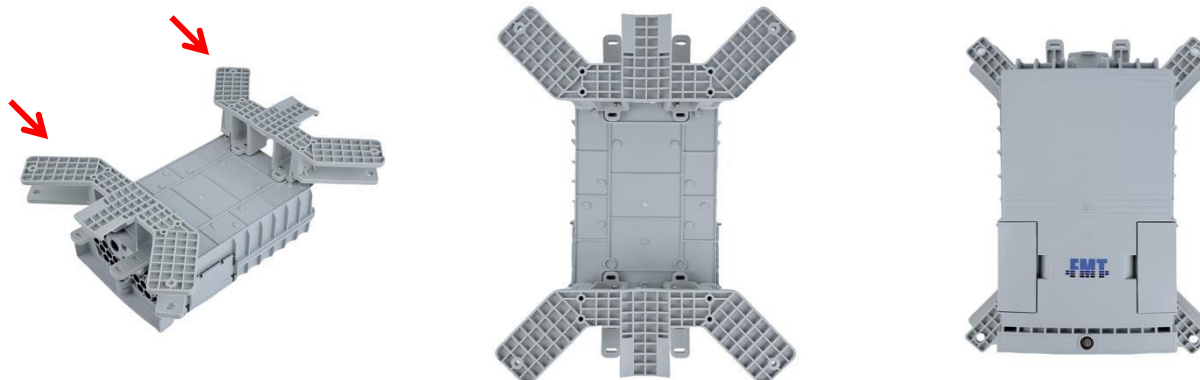
Features & Benefits

- Equipped with a dedicated plug-in bracket for 1×16 cassette splitter or 2×1×8 cassette splitters, streamlining signal distribution in FTTH systems .
- 1 splice tray supports 8/16 cores of fusion splicing, matching splitter output to ensure seamless connectivity between feeder and drop cables.
- Made of PC+ABS material with anti-UV properties, resisting outdoor elements like sunlight and rain for long-term reliability .
- 4 input ports (7–16.5mm) and 16 output ports (2–12.5mm) accommodate diverse cable sizes, from thick feeder lines to thin drop fibers .
- IP65 Rated, Sealed structure shields internal components from dust and water jets, maintaining performance in exposed environments (e.g., building exteriors) .
- Compact dimensions (285×175×80mm) and 1.215kg weight fit tight installations without compromising functionality.










Specifications

Part No.	FDB-16PS
Dimensions	285×175×80mm
Material of Enclosure	PC+ABS
Cable Entry Ports	2 Mid-span ports × Ø7-16mm
Branches	2 × PG13.5
Cable Exit Ports	16 Drop ports × Ø2-4.6mm
Patching Capacity	16 SC Adapters
Splicing Capacity	8/16 Fibers (Single-core)
Splice Tray	1 Tray
Suitable Splitter	1×8 or 1×16 Cassette PLC Splitters
Material of Tray	ABS
IP Rating	IP65
Mounting	Wall / Pole Mount

Cable Storage Frame



Accessories

Picture	Name	Size	Quantity
	Wall-mounting Kit (for Wall mount Only)	/	4 Pairs
	Pole-mounting Kit (for Pole mount Only)	Clamp: Ø216mm	2 PCS
	Metal Plate	/	2 PCS
	Nylon Cable Tie	3×100mm	10 PCS
	Splice Sleeve	1.2/45mm	1/2 PCS
	Hose Clamp	/	4 PCS
	Installation Menu	/	1 PC
	Key	/	1 PC
	Cable Storage Frame	/	(Optional)

Packing List

Part No.	Carton Size	PCS/CTN	G.W.
FDB-16PS	58×31×49 CM	15	20 KGS