

FDB-16P-16A

16 Cores FTTH Distribution Box

Application

- Designed as a specialized termination and distribution hub in FTTH networks, FDB-16P-16A enables fiber fusion, patching, and signal distribution, connecting feeder cables to drop cables with dedicated trays for splicing and adapter management.
- IP65-rated to resist dust and high-pressure water jets, suitable for outdoor or harsh indoor installations (wall-mounted or pole-mounted), ensuring reliability in temperatures from -30°C to 80°C.



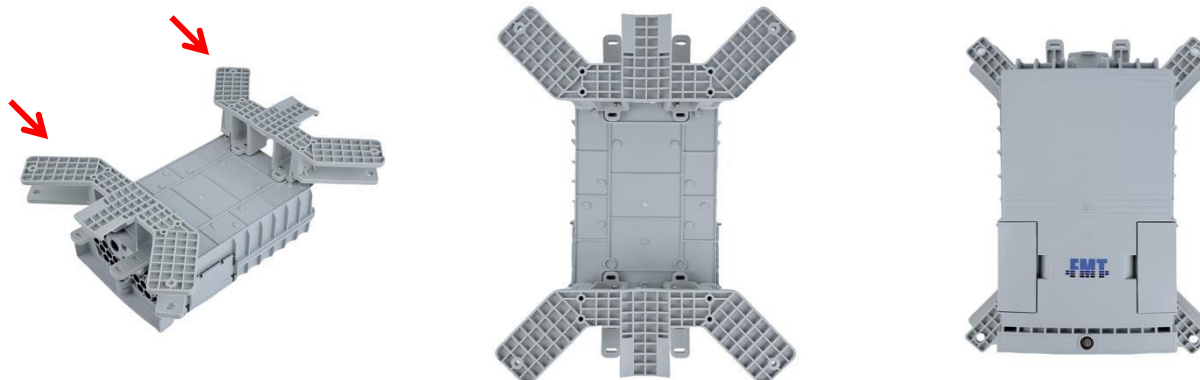
Features & Benefits

- Integrates 1 Splice Tray (16 fibers) and 1 Adapter Tray (16 SC adapters), separating splicing and patching functions for organized fiber management and easy maintenance.
- Splice Tray supports 16 fibers for fusion splicing, while Adapter Tray accommodates 16 SC adapters, meeting medium-scale FTTH distribution needs.
- Constructed from PC+ABS material, offering anti-UV properties and impact resistance to withstand outdoor elements like sunlight, rain, and temperature fluctuations.
- 4 input ports (7–16.5mm) and 16 output ports (2–12.5mm) accommodate diverse cable sizes, compatible with feeder cables, drop fibers, and patch cords.
- IP65 Rated, Sealed design shields internal components from dust ingress and water jets, maintaining fiber integrity in exposed environments (e.g., building exteriors, utility rooms).
- Compact dimensions (285×175×80mm) and lightweight build (1.215kg) fit tight installations without compromising capacity.










Specifications

Part No.	FDB-16P-16A
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 Micro 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	8/16 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-16P-16A	58×31×49 CM	15	20 KGS