

FDB-6K

6 Cores FTTH Distribution Box

Application

- The FDB-6K Fiber Distribution Box is designed for FTTH (Fiber to the Home) projects, providing mechanical protection for fiber optic connections. It supports splicing, cable fixing, and integration of passive components.
- Rated to IP54, , suitable for both indoor and outdoor environments.



Features & Benefits

- Compact structure optimized for space-saving installations in indoor and outdoor settings.
- Supports up to 6 mechanical or fusion splices, with compatibility for 6 SC or LC duplex adapters.
- Integrates seamlessly with 1×4 / 1×6 / 1×8 micro PLC splitters for flexible fiber distribution.
- Dust and water resistance ensures reliable performance in diverse environmental conditions.
- Maintains fiber bend radius >30 mm to prevent signal loss during routing.

Specifications

Part No.	FDB-6K
Dimensions	210×135×40 mm
Material	ABS or PC/ASB
Main Cable Port	1 × Ø7-12mm
Drop Cable Port	6 × Ø3mm
Patching Capacity	6 SC Adapter
Splicing Capacity	4/8 Fibers
Splice tray	1 Tray
Suitable Splitter	1×4 / 1×6 / 1×8 micro PLC splitters
IP Rating	IP54
Mounting	Wall Mount

Accessories

Picture	Name	Size	Qty
	Wall-mounting Kit	-	2 Pairs
	Cable tie	3*100mm	6 PCS
	Splice sleeve	Ø1.2*45mm	4-8 PCS
	Key	-	1 PC

Packing List

Part No.	Carton Size	PCS/CTN	G.W.
FDB-6K	44×29×58 CM	50	16 KGS