

## FDB-16E

### 16 Cores FTTH Distribution Box

#### Application

- Applicable for the FTTH project and provide mechanical protection for fiber management system that includes the functions of splicing, cable fixing and passive component integration.
- Rated to IP65, suitable for outdoor wall or pole mount application.



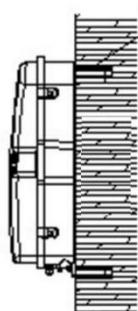
## Features & Benefits

- Made from high-quality ABS or PC+ABS material, the shell offers excellent impact resistance, UV stability, and corrosion resistance, ensuring long-term reliability in harsh outdoor environments.
- Supports up to 16 ports of SC adapters, with flexible splitter configurations (1×16 splitter or two 1×8 splitters) to meet diverse distribution needs.
- Equipped with 2 input ports (accommodating 7–15mm cables) and 16 output ports (supporting 2–12mm cables), enabling compatibility with various cable sizes for flexible routing.
- Features adaptable stents for easy installation of adapters, mini steel splitters, or cassette splitters, simplifying customization and reducing setup time.
- IP65 rating ensures complete defense against dust ingress and water jets, maintaining fiber integrity in rainy, snowy, or dusty conditions.
- Dimensions of 300×220×80mm make it suitable for installations with limited space, without compromising capacity.

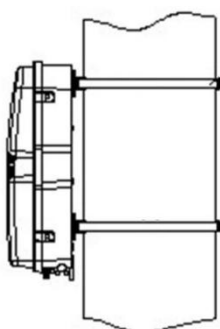
## Specifications

Part No.	FDB-16E
Dimensions	300×220×80 mm
Material	ABS or PC+ABS
Main Cable Ports	2 x Ø7-15mm (for Un-cut cable)
Drop Cable Ports	16 x Ø2-12mm
Patching Capacity	16 SC Adapters
Splicing Capacity	12/24 Fibers (Single-core)
Splice tray	1 Tray
Suitable Splitter	1×8 or 1×16 Micro PLC Splitter
IP Rating	IP65
Mounting	Wall / Pole Mount

## Mounting Options









Wall-mounted



Pole-mounted

## Accessories

Picture	Name	Size	Quantity
	Wall-mounting Kit (for Wall mount Only)	/	3 Pairs
	Pole-mounting Kit (for Pole mount Only)	Clamp: Ø216mm	2 Pairs
	Spirally Wound Tube	L=50mm	1 PC
	Nylon Cable Tie	3×100mm	12 PCS
	Splice Sleeve	1.2/45mm	12 PCS
	Key	/	1 PC

## Packing List

Part No.	Carton Size	PCS/CTN	G.W.
FDB-16E	56x34x56CM	10	18KG