FDB-16Q1-16A

16-Core Fiber Distribution Box

Application

- Designed for FTTx deployments, enabling efficient splicing, splitting, and patching in fiber optic networks.
- Rated IP65 for reliable performance in both indoor and outdoor installations, with flexible wall or pole mounting options.
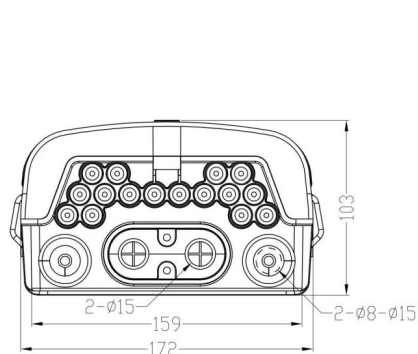
Features & Benefits

- Constructed from high-quality engineering plastic for enhanced durability and weather resistance.
- Supports one splice tray with a capacity of 16 fibers for streamlined fiber management.
- Equipped with an adapter frame supporting up to 16 SC adapters for versatile connectivity.
- Features a mid-span port to accommodate loop-through cable configurations.
- Easy-to-install design suitable for both wall-mounted and pole-mounted applications.
- Provides robust mechanical protection for fiber optic components in harsh environments.
- Compact design optimizes space while maintaining high functionality.
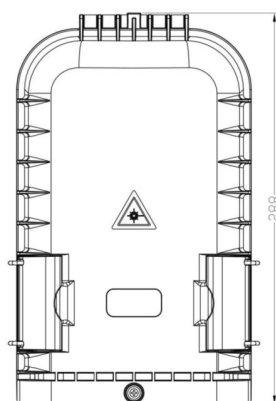
Specifications

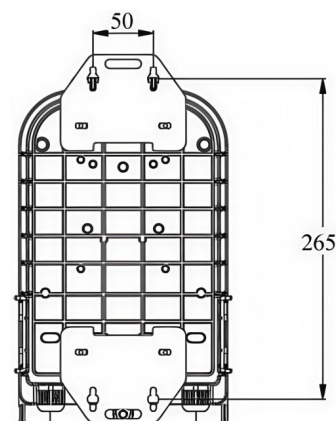| Part No.	FDB-16Q1-16A
Dimensions	288×172×103 mm
Enclosure Material	PC+ABS
Cable Entry Ports	2 Mid-span ports × Ø15mm
Branches	2 × PG13.5
Cable Exit Ports	16 Drop ports × Ø2-4.6mm
Patching Capacity	16 SC Adapters
Splicing Capacity	12/24 Fibers (Single-core)
Splice Tray	2 Trays
Suitable Splitter	1×8 or 1×16 Micro PLC Splitters
Material of Tray	ABS
IP Rating	IP65
Mounting	Wall / Pole Mount

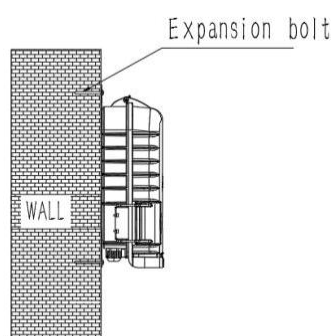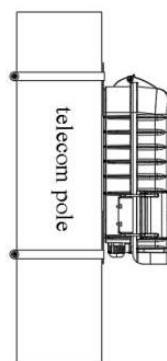# Dimension Drawing

Ports and Width/Height Dimensions

Top View

Metal Plate Installation Positions and Dimensions

Wall-mounted & Pole-mounted

Expansion bolt

WALL

telecom pole

Wall Mount   Pole Mount

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	12-24 PCS/Tray
	Hose Clamp	/	4 PCS
	PG Gland	PG13.5	2 PCS
	Key	/	1 PC
	Installation Menu	/	1 PC

Packing List

Part No.	Carton Size	PCS/CTN	G.W.
FDB-16Q1-16A	62×41×35 CM	10	13 KGS