

DB Box Light

with 2 Hose Clamp

DB Box Light

Variants

DB with Cassette UPC DB W/O Cassette DB with Cassette APC

Details

Fiber Distribution Box (FDB) – IP65 Outdoor FTTH Distribution Box

The **Fiber Distribution Box (FDB)** is a compact and durable outdoor fiber management solution designed for **FTTH (Fiber to the Home)** and **FTTx fiber distribution networks**. It is used for fiber cable splicing, splitter installation, adapter management, and subscriber drop cable distribution in ISP and telecom fiber deployments.

This outdoor fiber box features an **IP65 waterproof and dustproof enclosure**, making it suitable for outdoor wall-mount installations in residential, commercial, and telecom fiber optic projects across Nepal.

Key Features

- IP65 waterproof and dustproof protection
- Suitable for FTTH and FTTx outdoor deployment
- Supports fiber splicing and PLC splitter installation
- Integrated fiber routing and splice management
- Supports SC/APC and SC/UPC adapters
- Compact and lightweight outdoor design
- Easy wall-mount installation
- Safe fiber bend radius protection
- Suitable for telecom operators and ISPs

Technical Specifications

Category	Specification
Product Type	Fiber Distribution Box (FDB)
Application	FTTH Distribution & Outdoor Fiber Management
Protection Level	IP65 (Waterproof & Dustproof)
Material	ABS Plastic
Color	Grey / Black
Dimensions (L x W x H)	250 x 190 x 72 mm
Weight	1.1 Kg
Maximum Splice Capacity	12 Fibers
Adapter Capacity	Optional
Splitter Support	1 x PLC Splitter Cassette (1x8 SC) or 2 Cassettes
Cable Entry	1 x Mid-span Feeder Port + Drop Cable Ports
Drop Cable Ports	Up to 12 Ports (4–7 mm Cable)
Splice Type	Fusion Splice / Mechanical Splice
Fiber Management	Integrated Splice Tray & Cable Routing
Bend Radius	? 40 mm
Installation Type	Wall Mount / Outdoor Installation

Applications

FTTH Fiber Distribution Networks

Outdoor ISP Fiber Deployment

Fiber Cable Termination & Distribution

Telecom Outdoor Fiber Management

Subscriber Drop Fiber Connections

PLC Splitter Installation

Note: Select the correct splitter cassette and adapter type (SC/APC or SC/UPC) according to your fiber network architecture and optical return loss requirements.