Fiber Distribution Hub FDH Outdoor

Fiber Distribution Hub FDH Outdoor

Variants

96 Core

Details

Fiber Optic Cross Cabinet

The **Fiber Optic Cross Cabinet** is a high-capacity outdoor fiber distribution cabinet designed for connecting trunk optical fiber cables with distribution fiber cables. It integrates fiber splicing, storage, cable routing, protection, and optical distribution into a single enclosure, making it ideal for modern FTTH, FTTx, CATV, ISP, and telecommunication networks.

Built with a durable weather-resistant construction, the cabinet provides secure cable management while supporting **SC/UPC adapters**. The 30° angled adapter design minimizes laser exposure and simplifies maintenance, making it suitable for telecom operators, data centers, enterprise campuses, and outdoor fiber distribution points.

Quick Specifications

Capacity
144 Ports

Ports Per Tray
12 Ports

Adapter Type
SC/UPC

Installation
Outdoor

Key Features

- High-quality weather-resistant cabinet construction
- Supports fiber splicing, storage and distribution
- 144-port maximum capacity
- 12 ports per splice tray
- Compatible with SC/UPC adapters
- 30° angled adapter design reduces laser exposure
- Easy operation and maintenance
- Excellent cable routing and protection
- Suitable for FTTH, CATV and Telecom networks
- Professional outdoor fiber distribution solution

General Specifications

Parameter	Specification
Product Type	Fiber Optic Cross Cabinet
Dimensions (L × W × H)	550 × 310 × 1030 mm
Capacity	144 Ports
Ports per Tray	12 Ports
Adapter Type	SC/UPC
Adapter Design	30° Angled Adapters
Accessories	Heat Shrinkable Protection Sleeves Included
Operating Temperature	-40°C to +60°C
Relative Humidity	?95% (40°C)
Insulation Resistance	? 2 × 10? M? / 500V DC

Applications

Telecommunication Networks

Ideal for fiber backbone distribution and telecom access networks.

CATV Networks

Provides secure optical fiber distribution for cable TV infrastructure.

FTTH / FTTx

Suitable for outdoor fiber distribution and access network deployment.

ISP & Enterprise Networks

Perfect for internet service providers, campuses and industrial fiber networks.

Installation Recommendation

For optimal performance, install the Fiber Optic Cross Cabinet on a stable foundation in a secure outdoor location. Ensure proper fiber routing, splice protection, and cable management during installation. Regular inspection and maintenance are recommended to maintain reliable optical network performance in FTTH, CATV, and telecommunication applications.

© 2026 | Phone: +977 9851248419 | Email: info@dtechtrading.com | Website: https://demoshop.com. All rights reserved.