

21-core fiber distribution box



Article Overview

A 21-core fiber distribution box is a passive optical enclosure designed to terminate, splice, and distribute up to 21 optical fibers in FTTx or indoor/outdoor networks.

Overview

A fiber distribution box serves as a termination and cross-connection point between feeder cables and drop cables in fiber optic networks. It provides secure protection, organized fiber management, and easy access for splicing and connectorization. A 21-core box would accommodate 21 individual fibers, making it suitable for small to medium-scale deployments in residential or commercial FTTx networks .

Key Features

- **Fiber Capacity:** Supports 21 fibers, typically using removable splice cassettes or trays for organization.
- **Splicing and Connectorization:** Allows fusion or mechanical splicing and supports common connector types such as LC, SC, E2000®, or ST .
- **Material and Protection:** Constructed from durable ABS, PC+ABS, or metal, offering waterproof, dustproof, and corrosion-resistant properties for indoor or outdoor use .
- **Mounting Options:** Can be wall-mounted, DIN rail-mounted, or installed in network cabinets, depending on the deployment environment .
- **Cable Management:** Includes routing guides, slack storage, and strain relief to prevent fiber damage and maintain signal integrity .
- **Environmental Compliance:** Many boxes comply with RoHS, REACH, and international standards for temperature cycling, salt spray, and crush resistance .

Article Content

Fiber Distribution Box & Terminal Box | CRXCONEC FTTH

CRXCONEC fiber distribution boxes for FTTH cross-connection. 8-288 core capacity, salt spray & crush tested, RoHS & REACH

Industrial Fiber Optic Distribution Boxes | 1-24 Cores FDB & ODF ...

OTRANS is a leading fiber optic distribution box manufacturer. We offer a wide range of 1-24 core FDB boxes and ODF cabinets for

Amazon : Fiber Distribution Box

ETS Fiber Optic Distribution Box 2 Core – IP65 Waterproof, UV Resistant, FTTH, FTTx, Wall/Pole Mountable, Industrial Networks,

Fiber Distribution Hubs

Discover Fiber Distribution Hubs (FDHs), fiber cabinets, and other outdoor cabinet solutions by CommScope. Efficiently manage your

24-Port Outdoor Fiber Distribution Box | IP65 | SC/LC Compatible

24-Port Outdoor Fiber Distribution Box The SJ-FTTH-SK18-M outdoor fiber distribution box, featuring 24 ports, IP65 protection, and

Fiber FTTH Distribution Box datasheet

Introduction:- DIGISOL FTTH Fiber Distribution Box (FDB) is used as a termination for the feeder cable to split and connect with drop

Amazon : Fiber Distribution Box

Fiber Distribution Box, ABS Plastic FTTH Fiber Distribution Box-8 Port Fiber Optic Terminal Junction Splitter Box (8 Core with LC)

Durable FTTH Terminal Box | Fiber Termination Enclosure for Safe ...

Explore reliable FTTH terminal boxes for secure fiber termination and distribution. Wall-mounted design, robust build, for home and

12 Core Fiber Optic Distribution Boxes for FTTH | CRXCONEC

The 12 Core Fiber Optic Distribution Box is meticulously crafted using high-quality ABS+ material, guaranteeing exceptional

Fiber Distribution Box, Panel Splitter Case

Product description Eardion 2 Core Fiber Distribution Box, 2 Port Fiber Panel Box Splitter Box- Fiber Optic Terminal Junction Splitter

Fiber Optic Distribution Box — FTTH & ODN | TTI Fiber

Fiber Optic Distribution Box Network Distribution Indoor and outdoor distribution boxes for FTTH/FTTB — 8 to 96 cores, pre

WALL MOUNT FIBER OPTIC DISTRIBUTION BOX

Datacom Indoor Wall-Mount Fiber distribution enclosure (WODF) is designed for managing high-density fibre splicing in Building

19/21 Inch Rack-Mounted Fiber Distribution Box, 24/48 Core All-in

It is mainly used in high-density fiber optic cabling systems, fast cabling systems, backbone networks, highly integrated equipment

24 Port Fiber Distribution Box (FDB) For Mini PLC Splitter

Home Fiber Distribution & Termination Boxes 24 Port Fiber Distribution Box For 1X16 Mini Splitter, 24 Cores Splice Outdoor Fiber

8 Core Fiber Distribution Box-F207A

8 Core Fiber Distribution Box-F207A A fiber distribution box (FDB) is an enclosure that is used to house and manage fiber optic

Fiber Distribution & Termination Boxes — 80 Models ...

FTTH fiber boxes provide complete solutions for high-performance fiber optic networks, including fiber distribution boxes (FDB), fiber

48 Core Fiber Distribution Box: Durable & Versatile Solution

48 Core Fiber Distribution Box Efficiently manage and distribute up to 48 fiber optic connections with the robust, weatherproof SJ

Contact Us

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