

Aion Fiber Optic Distribution Frame 24 Ports



AI Overview

The Aion 24-port fiber optic distribution frame is a versatile solution for splicing, patching, and managing fiber connections, supporting up to 48 fusions and compatible with SC, FC, ST, and LC adapters.

Key Features

- Port Capacity:** 24 ports on the front panel, often configured with SC/APC duplex adapters, with a maximum fiber capacity of 48 cores for splicing.
- Splicing and Distribution:** Integrated trays allow fusion splicing and distribution in the same panel, with sliding trays for easy access and organization.
- Material and Build:** Constructed from high-quality cold-rolled steel or ABS+ for outdoor models, ensuring durability and protection. Some models are IP65 rated for waterproof and dustproof performance.
- Rack and Wall Mounting:** Standard 19-inch rack compatibility, 1U or 2U height options, with side supports for adjustable racks. Wall and pole mounting options are available for outdoor or FTTH deployments.
- Cable Management:** Features rear cable entries, radius protection ($\geq 30\text{--}40\text{mm}$), and internal accessories to organize fibers and pigtails, preventing bending and damage.
- Adapter Compatibility:** Supports SC, FC, ST, and LC adapters, with sliding adapter holders for convenient patch cord installation.
- Applications:** Ideal for FTTH networks, data centers, and telecom infrastructure, providing efficient management of fiber connections, splicing, and distribution.
- Advantages**
 - Ease of Maintenance:** Sliding trays and modular design allow quick access for splicing, patching, and adapter replacement.
 - High Protection:** Outdoor models offer IP65 protection, suitable for aerial, wall, or pole installations, safeguarding fibers from environmental factors.
 - Flexible Installation:** Can be installed in racks, on walls, or poles, with options for different splice tray capacities and adapter configurations.
 - Efficient Cable Management:** Ensures proper bend radius, organized pigtails, and cl...

Article Content

Basic of Optical Distribution Frame (ODF)

Various optical distribution frames (ODF) are being widely used to connector and schedule optical fiber. Choosing right fiber optic distribution frames is the key to

Optical Distribution Frame,24 Port Fiber Optic ODF

The 24 port fiber optic ODF unit is the convenient cable management for fiber connections, supervising and maintenance. The front panel is with 24 ports and this fiber optic ODF can fit different kinds of

Optical Distribution Frame,Fiber Optic ODF

We offer the fiber optical distribution frame with 1U 12 ports type, 1U 24 ports, 2U 36ports, 3U 48 ports and 4U 72 ports and 5U 96 ports types. These optical distribution frames are made of cold-rolled

Optical Distribution Frame (ODF)

Optical Distribution Frame (ODF) - 24 Port Patch Panel for Fiber Optic Connection Termination Model Number: ODF-RS-240 Description: ODF-RS-240 24SCS fiber optic patch panel is

Optical distribution frame 24 cores

Find reliable optical distribution frame 24 cores for FTTH networks. Wholesale prices on durable, rack-mountable ODF boxes for efficient fiber management.

24 Ports Main Distribution Frame

24 ports main distribution frame is essential for secure network connections. Our optical distribution frames are designed for high performance and reliability.

Fiber Optic ODF

Fiber Optic ODF is a fiber optic management unit used to organize the fiber optic cable connections. The optic distribution frame is usually used indoor and the ODF could be very big size frame or small size

ODF 24 Ports SC SX Duplex and 48 Fusions 1U

Protect and organize your fiber optic splices and connections with the accessories included inside the distribution trays. Connect with twigs and adapters. Standard

ODF 24 Ports SC SX and 24 Fusions 1U

Optical Distribution Frame (ODF) 1U, 24 Ports SC Simplex for 24 Fusions 1U Economic Optical Distribution Frame for 24 SC ports or double LC, with 2 joints

OPTICAL FIBER DISTRIBUTION FRAME

NORDEN Fibre optic distribution frame is a high-capacity, high-density fibre distribution frame, suitable for the composition and distribution of fibres in optical access network to achieve the fibre optic lines

24 Port Optical Distribution Frame ODF

24 Port Optical Distribution Frame ODF, Excellent cost control, far exceeding the

LP-F194BBKXX 24 Port Rack Mounted Optical Distribution Frame

Comes with factory loaded SC, FC, ST or LC adaptors. Excellent design. 24 cores maximum Capacity. Reliable fiber lead grounding and perfect fix up. tail enclosure for protection and organizati For

24 port fiber optical distribution frame

A wide variety of 24 port fiber optical distribution frame options are available to you, such as wifi, wireless lan and wired lan.

Optical Distribution Frames (ODF) Supplier | Fiberinthebox

Buy high quality Optical Distribution Frames (ODF) with competitive price and worldwide delivery,we offer optical distribution frame in different size, such as 1U 12 ports, 1U 24 ports, 2U 36ports, 3U 48

Optical Distribution Frames (ODF)

Explore optical distribution frames (ODF) with efficient distributed chassis solutions at CommScope

24 Port Optical Distribution Frame

Port Configuration: Accommodates up to 12 fiber optic connections. Compatible with SC, LC, FC, or ST adapters. Material and Construction: Made of durable, high-quality cold-rolled steel or aluminum

ProLink Sliding Optical Distribution Frame 24 Port (PL-ODF-24STC)

The ProLink PL-ODF-24STC is a professional 24-port sliding fiber optic distribution frame designed for organized fiber management in telecom, data center, and enterprise networking environments. Built

24 PORTS ODF PATCH PANEL OPTICAL DISTRIBUTION FRAME

An optical distribution frame, or ODF, is a crucial component of a fiber optic network. It provides a central location for managing and organizing fiber optic cables, making it easier to connect and maintain

ODF: Optical Distribution Frame

ODF, or Optical Distribution Frame, is a high-capacity, high-density frame used for fiber optic cable connection, distribution, dispatch, and management.

Optical Distribution Frame (ODF) / Otb 24 Port Yht

OPTICAL DISTRIBUTION FRAME (ODF) / OTB 24 PORT Model Number: ODF-RS24-3AP

Description: ODF-RS24-AP is 19" fixed type with top & front transparent cover. Its distribution

ODF 24 Ports SC SX Duplex and 48 Fusions 1U

Optical Distribution Frame (ODF) 1U Patch Panel tray for 24 SC ports Duplex, including 24 SC/APC adapters Duplex, has 2 trays of 24 splices each and accessories to organize the fibers.

24 port fiber optical distribution frame

1188 24 port fiber optical distribution frame products are offered for sale by suppliers on Alibaba , of which fiber optic equipment accounts for 93%. A wide variety of 24 port fiber optical distribution frame

High Quality 24 Ports Optical Distribution Frame ODF Patch Panel

High Quality 24 Ports Optical Distribution Frame ODF Patch Panel Patch panel is a 19 inch rack mountable panel designed to accommodate virtually any standard snap-in jacks. The kits includes

ODF 24 Core Fiber Optic Distribution Frame

ODF 24 Core is a high-density fiber optic distribution frame designed to meet the ever-increasing demands of today's network systems. This product is ideal for

24 Core ODF

24 Core ODF Optical Distribution Frame (ODF) is a device used in fiber-optic telecommunications networks to connect, manage and distribute optical fibers

optical fiber distribution frame ODF rack mount 12 24 48 96 144 core ...

Product Description optical fiber distribution frame ODF rack mount 12 24 48 96 144 core port ODF Rack-mount Fiber Optic Distribution Frame is modularized design with drawable trays inside and cold

ODF 24 48 Port SC Optical Distribution Frame Management unit

ODF optical distribution frame unit is used for the termination and distribution of backbone optical cable in the fiber communication system. With ODF patch panel, it's easy to realize the connection,

Optical Distribution Frames (ODF) Supplier | Fiberinthebox

We offer optical distribution frame in different size, such as 1U 12 ports, 1U 24 ports, 2U 36ports, 3U 48 ports, 4U 72 ports. Several cable options are available.

Contact Us

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