

1152-core ODF fiber optic distribution frame



Article Overview

The 1152-core ODF is a high-density, pluggable fiber optic distribution frame designed for large-scale network termination, splicing, and distribution.

Overview

A 1152-core Optical Distribution Frame (ODF) is engineered to manage, protect, and distribute a very high number of optical fibers in a compact, modular structure. It integrates fiber termination, splicing, and distribution functions, making it ideal for metro backbone networks, FTTH central offices, and multi-network convergence nodes . This type of ODF supports both ribbon and non-ribbon optical cables, ensuring compatibility with various fiber types and network configurations .

Key Features

- **High-Density Capacity:** Supports up to 1152 fiber cores, using 12-core fusion-splicing-distribution integrated trays to maximize fiber density in a compact footprint .
- **Pluggable Modular Design:** Equipped with SC/FC adapter trays and fusion-splicing modules that can be quickly inserted or removed, allowing flexible configuration and easy maintenance without disassembling the entire cabinet .
- **Multi-Network Compatibility:** Designed for triple-network (Telecom, Unicom, Mobile) and quadruple-network (including Broadcast TV) integration, enabling resource sharing and reducing redundant construction

Article Content

Optical Distribution Frame (ODF) in Telecom: Types & Uses

Enter the Optical Distribution Frame (ODF)—a foundational component that serves as the “nerve center” for fiber optic

optical fiber distribution frame ODF rack mount 12 24 48

Distribution Frame is modularized design with drawable trays inside and cold-rolled steel box. It could be pre

Optical Distribution Frame | Corning

Bottom Jumper Management Channels allow routing fibers at the bottom of cabinet-frame row instead of in dedicated overhead

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

Optical Fiber Distribution Frame

ODF optical fiber distribution frame 12 24 48 72 96 144 core SC/FC/LC port standard 19-inch rack mount 1/2/4/6/8/12U ODF No

Guide to Optical Distribution Frames (ODFs) | FiberMania Factory

An Optical Distribution Frame (ODF) is a dedicated unit designed to organize, terminate, and interconnect fiber optic

Types of Optical Distribution Frames (ODF) for Fiber Management

Optical Distribution Frames (ODF) are indispensable for organizing and protecting fiber optic networks, with types

FlexCore Optical Distribution Frame Ordering Guide FBCB58-SA

Robust ODF frame with configuration options that meet Telcordia Zone 3 seismic requirements. Each frame holds up to eleven 4RU

Optical Distribution Frames (ODF) for Central Office/Headend

An optical distribution frame has the capability to integrate fiber splicing, termination, and cable connections into a single unit. ODFs

The Complete Guide to Optical Distribution Frames

A complete engineering guide to Optical Distribution Frames (ODF): types, components, fiber capacity

What is Optical Distribution Frame ODF?

What is ODF? ODF, also known as optical distribution frame or fiber optic patch panel, is a critical device used in

Optical Distribution Frame System

Achieve successful cable management, handle high amounts of fiber cable and add density to fiber frames

FlexCore Optical Distribution Frame Ordering Guide FBCB58-SA

What is at your core? Optical distribution frames (ODFs) are an all-important network element at the heart of a fiber network.

Optical Distribution Frame (ODF) | Fiber Optic Distribution Panel

ODF is used in the terminal access link of FTTH system. It is a device that splices, distributes, and splits optical fibers and provides

Optical Distribution Frame | Corning

The Corning® Optical Distribution Frame is optimized for high-density cross-connect applications.

What is Optical Distribution Frame in Telecom Networking

What is Optical Distribution Frame. An Optical Distribution Frame (ODF) is the central hub of your fiber optic network. It

Optical Distribution Frame (ODF): The Complete Guide for Fiber

Comprehensive guide to Optical Distribution Frames (ODF) for data centers. Learn ODF types, installation best

1152 Core Pluggable Optical Cross Connect Cabinet

Designed for 1152-core fiber termination, splicing, and distribution, equipped with 12-core fusion-splicing-distribution integrated trays,

What is an Optical Distribution Frame (ODF) and How to Choose the

Learn what an Optical Distribution Frame (ODF) is, its key components, types, and how to choose the best ODF for

Optical Distribution Frame The rack serves as primary interface ...

The rack serves as primary interface between ISP and OSP fiber optic network. The ODF is a compact Optical Distribution Frame

Optical Distribution Frame Solutions

Optical Distribution Frame Solutions: Advanced Management of Fiber Optic Infrastructure In today's communication infrastructure,

Contact Us

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