ZITHA TECH SPECIALTY CABLES (Pty) Ltd

India 48-core fiber optic distribution frame



Overview

Fiber Optic Distribution Frame Get contact details & address of companies manufacturing and supplying Fiber Optic Distribution Frame, Fiber ODF Fiber Optic.

Key Takeaways

48-core fiber optic distribution frames (ODFs) in India provide high-density fiber management for telecom, data centers, and enterprise networks, combining splicing, termination, and distribution in a single unit.Overview

A 48-core fiber optic distribution frame (ODF) is designed to manage medium-density fiber networks efficiently. These frames integrate fiber termination, splicing, storage, and distribution within a standardized structure, ensuring reliable signal transmission and organized network management . They are suitable for telecom operators, system integrators, and optical transmission networks, supporting both indoor and outdoor installations depending on the model .

Key Features
• Connector Types: FC/UPC or LC single-mode connectors for secure and stable optical alignment .

• Capacity: Supports 48 fiber cores, often compatible with 12-core cassettes for flexible configuration .

• Durability: Mild steel or high-quality plastic enclosures with anti-corrosion treatment for long-term indoor use .

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• Installation: Compatible with standard telecom racks and cabinets; some models offer wall-mount or 3U rack-mount options .

• Fiber Management: Clear routing paths, bend-radius control, and threaded or modular coupling to reduce fiber stress and signal loss .

• Applications: FTTH access networks, enterprise fiber networks, large data centers, and long-distance single-mode fiber transmission .
Suppliers and Pricing in India
• Fenxi Optoelectronics Technology: Offers FC/UPC 48-core ODFs with integrated splicing and distribution, suitable for medium-density networks .

• RACKOM SYSTEM: Provides mild steel 48-core ODFs priced around ₹19,000 per piece, designed for indoor and outdoor telecom infrastructure .

• Dhanline: Offers FTD-LC-SM-48, a 48-core LC single-mode ODF in off-white, optimized for high-speed, long-distance fiber transmission .

• IndiaMART Suppliers: Other suppliers include Saraswat Enterprises, Aares Telecom, and Unisol Communications, offering competitive pricing and bulk order support .
Considerations for Selection
• Network Type: Choose FC/UPC or LC connectors based on existing network compatibility.

• Environment: Indoor vs. outdoor installation may require IP-rated or weatherproof enclosures.

• Maintenance: Look for modular designs with easy access for splicing and termination.

• Scalability: Ensure the ODF supports future network expansion with additional cassettes or adapters. 48-core ODFs in India provide a reliable, scalable, and organized solution for managing fiber optic networks, ensuring minimal signal loss, efficient routing, and long-term durability for telecom and enterprise applications.

Article Content

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ODF Fiber Optic Distribution Frame FC/UPC-48 Core

The ODF Fiber Optic Distribution Frame FC/UPC-48 core is a stable and professional fiber management

Optic Fiber Distribution Frame Odf 12 Core 24 Core 48

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RACKOM SYSTEM is a leading manufacturer specializing in high-quality server

ODF Fiber Optic Distribution Frame FTD-LC-SM-48 | 48-Core LC

Ideal for telecom operators, data centers, and enterprise networks, this distribution frame supports high-speed, long-distance single

48-Core Fiber Distribution Unti,Fiber Optic Distribution

High-Density Capacity: With 48 ports, this patch panel maximizes

Fiber Optic Joint Enclosure Box OFC Bamboo 48 Core

Fiber Optic Joint Enclosure Box OFC Bamboo 48 Core 4 Port Cylindrical over head Pole Mounted

ODF-48 12-144 Core Optic Distribution Frame

Unleash the Power of Perfect Optics - Explore JUNPU''s ODF-48 Distribution Frame! Get Unbeatable Deals on Optical Frames

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Fiber Optic Patch Panel | ODF Optical Distribution Frame (Rack

Our range of optical distribution units is designed to facilitate the termination, protection, and management of fiber optic cables.

48-Core Fiber Distribution Unti,Fiber Optic Distribution Frame

In summary, the 48-Port Rack-Mounted Fiber Optic Patch Panel is a versatile and reliable solution for modern fiber optic networks,

ODF Optical Distribution Frame at ₹ 75000/piece

ILogic Network Solution Private Limited - Offering ODF Optical Distribution Frame, Fiber Optic Distribution Frame at ₹ 75000/piece in

Fiber Optic Distribution Frame Retailers & Dealers in India

144 Core covered Our New design optical distribution frame (ODF) allows you to provide easy cable interconnections between

Optical Fiber Distribution Frame

ODF fiber distribution frame is mainly divided into 24 core, 36 core, 48 core, 72 core, 96 core. The

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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

LP-F184DBKYY 48 Port Rack Mounted Optical Distribution

Strength member core clamp and shell insulated and with grounding lead. ST or LC adaptors panels available in separate o Reliable

48 Core Rack Mounted Fiber Optic Distribution Frame

Slidable Rack-mount Fiber Optic Distribution Frame ODF-RS24-A45 has aluminum sliding

Fiber Optic Distribution Frame

Get here listings of fibre optic distribution frame, fiber optic distribution frame manufacturers, suppliers and exporters.

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Optic Fiber Distribution Frame Odf 12 Core 24 Core 48

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ODF Fiber Optic Distribution Frame FTD-LC-SM-48 | 48-Core LC

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48-Core Fiber Distribution Unti,Fiber Optic Distribution

High-Density Capacity: With 48 ports, this patch panel maximizes

SP-FDF-2U-48P Fiber Optic 48Core Simplex Fiber Distribution Frame

Small size, lightweight, pleasing in appearance. With max fiber capacity 12-144cores, 12-144 adapter output, available for the

ODF Fiber Optic Distribution Frame SC/APC-48 Core

The ODF Fiber Optic Distribution Frame SC/APC-48 core is a compact and reliable fiber management

Fiber Distribution

Manufacturer of Fiber Distribution - 48F Wall Mount Fiber Optic Distribution Frame, Aluminum ODF Fiber Distribution Frame, 48f Wall

Fiber Optic Distribution Frame Manufacturers in India

Get Contact details & address of companies manufacturing and supplying Fiber Optic Distribution Frame, Fiber Distribution Frame

48-core ODF distribution unit

It is suitable for optical fiber wiring management in communication equipment rooms, data centers, and 5G BBU aggregation

Fiber Optic Distribution Frame

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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