

Common Fiber Optic Distribution Frame Sizes



Article Overview

Fiber Optic Distribution Frames (ODFs) come in various sizes, typically ranging from compact wall-mounted units to full-height 2.2-meter rack-mounted frames, with modular widths and depths designed for high-density fiber management.

Standard ODF Sizes

Rack-Mounted ODFs:

- Full-height frames are commonly 2.0–2.2 meters tall, suitable for standard 19-inch or 23-inch racks .
 - Depths typically range from 400 mm to 600 mm, allowing sufficient space for fiber routing, slack storage, and splice trays .
 - Widths are generally 19 inches (482.6 mm) for standard rack compatibility, though some high-density frames may use wider modular designs .
- Wall-Mounted ODFs:
- Compact units are designed for smaller installations, often 0.5–1.2 meters in height and 200–400 mm in depth, suitable for FTTH or small telecom closets .
 - These frames provide front access for patching and splicing while minimizing footprint in constrained spaces .

Modular and High-Density Considerations

- ODFs are often modular, allowing multiple sub-racks or units to be stacked vertically within a single frame

Article Content

Jan 12, 2026

Optical Distribution Frames (ODF) | Melbye

Optical Distribution Frames (ODF) Optical Distribution Frames (ODFs) are used for terminating fiber optic cables. Usually mounted in

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Basics of Optical Distribution Frame (ODF)

Optical Distribution Frame (ODF) is a critical component of fiber optic networks that provides a centralized point for

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Comprehensive Guide to Optical Distribution Frames (ODFs)

Conclusion Optical Distribution Frames (ODFs) are comprehensive solutions that can reduce costs and enhance

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Comprehensive Guide to Optical Distribution Frames (ODFs)

Uncover the importance of Optical Distribution Frames (ODFs) in managing fiber optic networks. Learn about different

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

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

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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

Jan 15, 2026

Distribution frame

Distribution frame Unshielded twisted pair (copper) and optical fiber distribution frame An optical fiber distribution frame In

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Fiber Optic Distribution Frame

The Fiber Optic Distribution Frame (ODF) serves as a central-hub in network centers for managing fiber optic connections, facilitating

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FACT® Optical Distribution Frames (ODF) for Central Office/Headend

It adeptly scales to manage a few hundred fibers when utilized as a fiber chassis in street cabinets for FTTH purposes. Conversely, it

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Optical Distribution Frame Guide: ODF for Data Centers

An Optical Distribution Frame (ODF) is a centralized fiber management platform that serves as the physical hub for

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Optical Fiber Distribution Frame Supplier

An Optical Distribution Frame (ODF) serves as a central hub in network centers for managing fiber optic connections, facilitating

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What Is An Optical Distribution Frame (ODF)?

In the world of broadband and fiber-optic networks efficient cable management is paramount. This is where optical distribution frames

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The Norden High Density Floor Standing Fibre Optic Distribution Frame ...

The Norden High Density Floor Standing Fibre Optic Distribution Frame is a durable and versatile solution designed for efficient fibre

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Optical Fiber Distribution Frame

OTRANS manufactures high-density optical distribution frames (ODF) for telecom, 5G, and data centers. Rack-mount fiber

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ODF: Optical Distribution Frame

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

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Fibre Distribution | Optical Communications | Corning

The fibre distribution hardware manages each fibre and connection point that is associated with active

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The Complete Guide to Optical Distribution Frames

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

Jul 28, 2026

Optical Distribution Frame

Optical distribution frame is a fiber optic management unit used to organize the fiber optic cable connections. Optical distribution

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

Discover what ODF is in telecom—types (rack-mount, wall-mount), features, and how it differs from patch panels.

Apr 06, 2026

Optical Distribution Frame,Fiber Optic ODF

The optical distribution frame is with standard 19 inch size and it is properly designed to control the bend radius of the cable inside

May 29, 2026

OPTICAL FIBER DISTRIBUTION FRAMES (ODF) AR-RODF-SO Series

CATALOGUE OF PICTURES Picture 5-1 Appearance of AR-RODF-SO series Optical Fibre Distribution Frames (ODF) Picture 5-2

Contact Us

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