

24-core SC fiber optic distribution frame



AI Overview

A 24-core SC fiber optic distribution frame (ODF) is a compact, durable unit designed to organize, protect, and manage 24 SC single-mode fiber connections in structured cabling systems.

Overview

A 24-core SC ODF serves as a central point for fiber splicing, patching, and termination, providing efficient management of optical fibers in telecom rooms, data centers, FTTH networks, and LAN/WAN environments . It allows seamless interconnection between incoming and outgoing fiber cables while maintaining proper bend radius and minimizing signal loss.

Key Features

- Capacity: Supports 24 SC single-mode fiber connections, with some models expandable for higher-density applications .
- Construction: Typically made from cold-rolled steel with anti-corrosion coating for mechanical strength and durability .
- Mounting Options: Can be wall-mounted or rack-mounted, often compatible with 19-inch racks and 1U/2U configurations .
- Cable Management: Integrated routing systems, splice trays, and patch panels ensure organized fiber layout and protection of pigtails .
- Environmental Protection: Flame-retardant, dust-resistant, and capable of operating in a wide temperature range, often from -40°C to +60°C .
- Ease of Maintenance: Front-access design allows easy installation, splicing, and p...

Article Content

Jun 25, 2026

OPTICAL FIBER DISTRIBUTION FRAME

NORDEN Fibre optic distribution frame is a high-capacity, high-density fibre distribution frame, suitable for the composition and

Oct 08, 2025

Optical Fiber Distribution Frame

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

Dec 31, 2025

FTTH Optical Distribution Frame 19 Inch Rack Mounted ODF 2U 24 Cores ...

Optical Distribution Frame (ODF) is used to provide cable interconnections between communication facilities, which can integrate

Nov 15, 2025

24 96 cores LC SC FC OTB, Optical Distribution Frame Unit

Overview YODF-U Type3 Optical Distribution Frame Unit is also known as OTB, it has optical cable fixing and protection function,

Apr 18, 2026

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

Jan 29, 2026

BISMON 24 Port Fiber Optic Distribution Frame SC Port ODF

Product Description The ODF rack mount fiber optic enclosure is designed to provide a distribution point to feed a high capacity of

Mar 28, 2026

BISMON 24 Port Fiber Optic Distribution Frame SC Port

The ODF rack mount fiber optic enclosure is designed to provide a distribution

Oct 10, 2025

24 Core ODF

24 Core ODF Optical Distribution Frame (ODF) is a device used in fiber-optic telecommunications

Mar 15, 2026

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

Jun 23, 2026

ODF 24-Port Optical Distribution Frame 24Core With 24pcs SC Pigtail ...

ODF 24-Port Optical Distribution Frame 24Core With 24pcs SC Pigtail Rackmountable App 5(2) ₱1,699.00

Dec 16, 2025

Boyan Fiber Optic Distribution Frame BY-ODF-SC-24 24-core ODF

Built with durable cold-rolled steel and optimized for SC single mode adapters, this compact optical distribution frame is ideal for

Feb 07, 2026

FTTH distribution boxes 4, 8, 16, 24, 36 or 48 ports

Premium-Line FTTH distribution box is aim designed for multi-purpose applications in FTTH projects. Read more here!

Dec 11, 2025

24 Core ODF Panel 1U Fiber Distribution Frame | Yingda

24 Core Fiber Optic Distribution Frame 1U Rack Mount ODF, LC/SC/FC Ports The series equipped with

Jun 13, 2026

Premium-Line 24 ports Wall Mounted Fiber Optic Box

Premium Line 24 ports wall mount fiber optic box is used for the direct termination of fibers. Box include

Aug 14, 2025

ODF Optical Distribution Frame 24 Core SC/UPC With

ODF Optical Distribution Frame 24 Core SC/UPC With Pigtail Optical fiber Splicing tray cludes 24-unit

Mar 22, 2026

Fiber Optical distribution Frame ODF-E

ODF-E is used connecting optical fiber and equipment of central office. 19" 1U 24 core standards, the patch panel is removable for

Jun 04, 2026

24 Port Optical Distribution Frame ODF

24 Port Optical Distribution Frame ODF, Excellent cost control, far exceeding the sales volume of peers, this is a product loved by

Jan 11, 2026

Fiber Optic Patch Panel | ODF Optical Distribution Frame (Rack

Optimize your network management with our high-density Fiber Optic Patch Panels and ODFs. Available in 1U/2U/4U rack mount

Dec 03, 2025

ProLink Fiber Distribution Frame Sliding 24 Port

Slide-out drawer for easy cable management. FC, SC, ST, LC adapter patch panel for option, easy to replace. Front access panel

Dec 21, 2025

FTTH 1u 2u Outdoor Rack Mount ODF, 4 8 12 24 48 72 96 144 Port Core ...

Constitute a comprehensive distribution frame is the essential equipment for the optical fiber communication cable network terminal

Jan 06, 2026

FTTH 1u ODF 24 Core Sc 48 Core LC Rack Mount

FTTH 1U ODF 24 Core SC 48 Core LC Rack Mount Fiber Distribution Frame Fiber Optic

Mar 03, 2026

Kelan ODF Fiber Optic Distribution Frame FTD-SC-SM-24 - 24-Core

This optical distribution frame offers secure cable storage, robust physical protection, and easy accessibility for technicians. With

Aug 26, 2025

Optical ODF 24-Port ODF Fiber Optic Distribution Box 24 Core

Drawer Type Fiber Patch Panel Optical Distribution Frame ODF 24 LC SC Cores
DESCRIPTION It is made of 1U/2U

Sep 21, 2025

Optical Distribution Frames (ODF)

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

Dec 18, 2025

FTTH 24 Core Fiber Optic Distribution Box Optical Fiber Terminal Box

Adaptor type: SC/LC; FTTH 24 core fiber terminal box is suitable for the distribution and terminal connection for various kinds of

Sep 18, 2025

Fiberhome ODF Fiber Optic Distribution Frame 24 Core FC Single

Buy FiberHome ODF 24-Core FC Single-Mode Optical Distribution Frame. Fully matched, 24-port fiber management solution ideal

Jul 09, 2026

Optical Distribution Frames (ODF)

Ribbon tray for 3 rollable ribbon strips (1) SC (for up to 4 primary or 2 secondary coated fibers) (3) SE (for up to 12 primary or 4

Dec 09, 2025

Fiber Distribution Frame Blank 24 Core

DIGISOL Optical Distribution Frame provides cable interconnections between communication facilities that can integrate fiber

Contact Us

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