

Optical Fiber Patch Panel

TECHNICAL DATA SHEET

Fiber Optic Rack-Mount Distribution Frame – Simplex (ODF-RS24) 1U 19" Standard Design For ST, SC, LC & FC Adapters (Sliding Rail)



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Product Description:

The ODF-RS24 is a 19-inch, 1U rack-mount fiber optic distribution frame designed for fiber termination, splicing, storage, and patching in telecommunications and data network applications. The sliding rail mechanism allows easy access to internal splice trays for installation and maintenance while protecting fiber connections and maintaining proper cable management.



Features:

- Standard **19-inch rack-mounted** design.
- Compact **1U height** for efficient rack utilization.
- Supports **ST, SC, LC, and FC adapter interfaces**.
- Smooth **sliding drawer mechanism** for easy access during installation and maintenance.
- Durable **cold-rolled steel construction** for long service life.
- Electrostatic powder-coated finish provides corrosion resistance.
- Integrated splice tray for fiber splicing and storage.
- Organized cable routing and bend-radius protection.
- Suitable for both single-fiber and ribbon-fiber applications.

Applications:

- Fiber To The Home (FTTH)
- FTTx Networks
- Telecommunications Networks
- LAN / WAN Infrastructure
- CATV Systems
- Data Centers



Technical Specifications:

Item	Specification
Model	ODF-RS24
Product Type	Fiber Optic Rack-Mount Distribution Frame
Configuration	Simplex
Mounting Standard	19" Rack Mount
Height	1U
Capacity	Up to 24 Fiber Cores
Adapter Types	ST, SC, LC, FC
Structure	Sliding Rail / Pull-Out Drawer
Material	Cold-Rolled Steel
Surface Finish	Electrostatic Powder Coating
Color	Black

Cable Entry	Rear Cable Entry
Splice Tray	Integrated Fiber Splice Tray
Operating Application	Indoor

Mechanical Characteristic:

Parameter	Value
Width	483 mm (19")
Height	44.5 mm (1U)
Depth	Approx. 245–320 mm
Weight	Approx. 4.2 kg

Advantages

- Easy fiber management and maintenance
- Space-saving 1U design
- Flexible adapter compatibility (ST, SC, LC, FC)
- Robust steel construction
- Reliable protection for fiber terminations and splices
- Ideal for telecom rooms, data centers, and enterprise networks