

Optical Fiber Patch Panel

TECHNICAL DATA SHEET

**Fiber Optic Rack-Mount Distribution Frame
– Simplex (ODF-RS-205 24) 1U 19" Standard
Design For SC-SX or LC-DX adapters**



Fiber Optic Rack-Mount Distribution Frame – Simplex **(ODF-RS-205 24) 1U 19" Standard Design For SC-SX or LC-DX** **adapters**

Product Description:

The ODF-RS-205 24 is a compact 1U rack-mounted optical distribution frame designed for termination, splicing, protection, and management of fiber optic cables in structured cabling systems. It supports high-density fiber distribution while maintaining easy front access through a sliding drawer mechanism for installation and maintenance.



Features:

- Standard **19" rack-mounted 1U design** for telecom racks and data centers
- Supports **up to 24 fiber terminations**
- Compatible with **SC-SX and LC-DX adapters**
- Sliding tray for easy fiber installation and maintenance
- Integrated fiber management for bend protection and routing
- Durable steel housing with anti-corrosion coating

Applications:

- FTTH and FTTx networks
- Telecommunications infrastructure
- Data centers and server rooms
- LAN / WAN backbone networks
- CATV and broadband systems

Technical Specifications:

Item	Specification
Model	ODF-RS-205 24
Mounting Type	19" Rack Mount
Height	1U (44 mm)
Fiber Capacity	Up to 24 cores
Adapter Types	SC Simplex / LC Duplex
Material	Cold-rolled steel
Surface Finish	Electrostatic powder coating
Structure	Sliding tray (front access)
Cable Entry	Rear cable entry ports
Operating Use	Indoor telecom / data networks

Mechanical Characteristic:

Parameter	Value
Width	19" standard (\approx 482–483 mm)
Height	44 mm (1U)
Depth	\sim 205–250 mm (varies by design)
Weight	\sim 2.5–3.5 kg

Advantages

- High-density fiber management in minimal rack space
- Easy maintenance via sliding access mechanism
- Flexible adapter compatibility (SC / LC / FC / ST in similar designs)
- Strong protection for fiber splicing and termination
- Suitable for both enterprise and telecom environments