

SW-Series

Optical Distribution Frame

ODF/Patch Panel-Modular

General

ODF-Fiber Optic Enclosure is offered as an Optical Distribution Frame (ODF) which has a high quality mountable on 19" or 21" Standard frame for termination/Distribution of fibers in optical fiber networks including FTTX networks. ODF Enclosures are Interface point between termination of outside plant (OSP) /Feeder Cables and Fiber optic Transmission Equipment. ODF Enclosures are applicable to be installed as Indoor/ in building premises (Mounted inside Fiber distribution Frames (FDF)/ETSI Racks or in Racks/cabinets with standard mounting angles) and facilitates combination of three functions Optical Splicing, Management, and Distribution/Termination.



Features

- Modular & innovative design for today's most advanced networks and settings
- Stylish and innovative design that can serve the need for today's advanced networks and settings.
- Multiple cable entries options with strain relief & protection through IP54 strong cable glands
- Rack mounted compatibility with 19" & 21" standard installations
- Up to 144 fiber capacity
- Up to 12 adapters per each module
- Ease of management through individual access to each module
- Use of special adapter mounting plates.
- Cables entries in the sides and back plate of The Optical Fiber Distribution frame
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- Frame external body constructed from Strong steel Sheet 1.5mm
- Splice trays are easily removable for ease of operation and up gradation.
- Front door is hinged type and can easily be detached.
- Available for LC, SC, FC & ST adapters (PC& APC Polishing).

Application:

- Telecom Rooms
- Data Centers
- Entrance facility
- Racks, Cabinets & FDFs

SW-Series Technical Specification

Single-Mode

Parameters

Optical Wavelength
Pigtails Standard
/Adapter Standard

Specifications

1260nm to 1650nm (Typical: 0.20dB)
SM (G.652-D, G.656 & G.657A) Connector
Telcordia, EIA/TIA and IEC Compliance

Multi-Mode

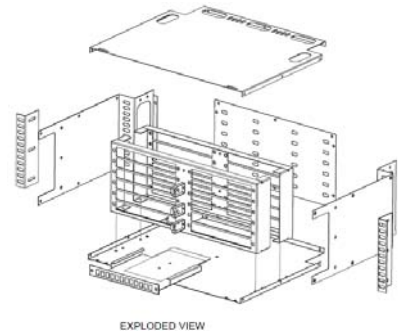
Parameters

Optical Wavelength
Pigtails Standard
Connector/Adapter Standard

Specifications

850 nm to 1300nm
MM (OM1/OM2/OM3 and OM4)
Telcordia, EIA/TIA and IEC Compliance

Ambient Conditions	
Operating temp.	-20°C to 60°C
Storage temp.	-20°C to 70°C
Storage relative humidity	≤ 75%
Relative humidity	≤ 85% (+30°C)
Atmospheric pressure	70Kpa to 106Kpa
Optical Performance	
Connector attenuation	≤ 0.5dB
Return loss	APC ≥ 60dB PC ≥ 40dB



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Ordering

Fiber Capacity	Height		Width	Depth	Modular	No. of Modules (Adapter holder set)	Fiber Type	AdapterType	
12	1U		19"/21"	270mm	x	0	SM	LC/APC- SX&DX SC/PC-SX SC/APC- SX&DX ST/UPC-SX FC/UPC- SX	
24	1U	2U	19"/21"	270mm	x	0	OM1		
36	2U	3U	19"/21"	270mm	x	0	OM2		
48	2U	3U	19"/21"	270mm	x	0	OM3		
72	4U		19"/21"	370mm	√	6			
96	4U		19"/21"	370mm	√	8			
144	4U	5U	19"/21"	270mm	x	0			
144	4U	5U	19"/21"	370mm	√	12			
288	8U		19"/21"	270mm	√	24			

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