

FIBER OPTIC DISTRIBUTIONS FRAME INDOOR CABINET MODEL: ODF-IR SERIAL

Overview:

Products ODF ODF-IR serial is used to protect, distribute and manage information and communication system using optical fiber. The optical connection points, system of fiber optic cable telecommunications center, the office will greatly ease the management and distribution of each small module. ODF-IR Serial can be upgraded up to 960-capacity optical path. With a simple interface for ease of use, which helps network managers save time in the maintenance system for customers

Picture:



BACK CLOSE

FRONT CLOSE

FRONT OPEN



FRONT WITH MODULE



OPEN WITH MODULE

Specifications:

Model	Size HxRxD (mm)	Number (U)	Cable Port (max)	Max diameter Of cable (mm)	Module ODF Model	Weight (kg)
ODF-IR2284	2200x800x400	42U	10	φ20	Rack 19', D<350mm	150
ODF-IR2293	2200x900x300	42U	10	φ20	Rack 19', D<250mm	150
ODF-IR2294	2200x900x400	42U	10	φ20	Rack 19', D<350mm	160

Application:

- Telecommunications subscriber loop
- Fiber to the home (FTTH)
- LAN/WAN
- CATV

Features:

- This frame is made of top quality steel and deformed aluminum alloy and treated with galvanizing, oxidation and electrostatic plastic spraying. The frame has solid structure and pleasing appearance.
- Fully-closed structure with the advantages of good performance of dust-proof, pleasing and neat appearance.
- Enough space for fiber distribution and storage space and very easy for installation and operations.
- Fully front side operation, convenient for maintenances.
- Minimum bend radius is controlled of 40mm.
- The optional cable inlet system is installed on the top of the frame which has excellent performances for fixing the incoming cables.
- Cables can be entered to the frame either from the top or the bottom of the frame subject to different requirements.
- This frame is suitable for both bundle (loose) cables and ribbon type cables.
- Reliable cable fixture cover and earth protection device provided.
- Standard size, light weight and reasonable structure
- Various panel plate to fit different adapter interface
- Easy for management and operation.

Accessories installed:

Splice protector tube, Sticky cincture, Sticky cincture, Cables ties, Hose clamp, Sealing washer, Plugs, Tape collar gauge, Marking note, Hanging hook, Allen wrench, Insulate robber belt.

ODF Module installed:

MODEL CABINET	MODULE ODF MODEL	Specifications	Max ODF Module	Max Capacity (FC, SC)	Max Capacity (LC)
ODF-IR2284 ODF-IR2294	ODF-R24	24 core, Rack 19 inch, 2 trays 12 core, 2U	16PCS	384 core	768 core
	ODF-R36	36 core, Rack 19 inch, 2 trays 12 core, 2U	16PCS	576 core	1152 core
	ODF-R48	48 core, Rack 19 inch, 2 trays 12 core, 3U	10PCS	480 core	960 core
	ODF-R72	72 core, Rack 19 inch, 2 trays 12 core, 4U	8PCS	576 core	1152 core
	ODF-R96	96 core, Rack 19 inch, 2 trays 12 core, 5U	6PCS	576 core	1152 core
	ODF-R144	144 core, Rack 19 inch, 2 trays 12 core, 7U	4PCS	576 core	1152 core

ODF module ODF-R Serial:



MODEL CABINET	MODULE ODF MODEL	Specifications	Max ODF Module	Max Capacity (FC, SC)	Max Capacity (LC)
ODF-IR2284 ODF-IR2293 ODF-IR2294	ODF-RD48	48 core, Rack 19 inch, 1U	32PCS	1536 core	3078 core
	ODF-RD96	96 core, Rack 19 inch, 2U	16PCS	1536 core	3078 core
	ODF-RD144	144 core, Rack 19 inch, 3U	10PCS	1440 core	2880 core

ODF module ODF-RD Serial:



Test Report:

Sequence Number	Inspection Item	Requirement		Inspection Results	Conclusion
1	Appearance and configuration	Appearance	Shape integrity, no defect, No burr, No bubble, N crack, No impurity, No hole, color uniform, to close and open is easy	Meets the requirements	Qualification
		Electric Connecting Set	Electric connecting or shut off section in the box, ground lead-out section on the external shell.	Meets the requirements	
		Optical Fibers Storage Set	Residual fiber length no less than 1.6m	>1.6m	
			Residual fiber curvature Radius no less than 37.5mm	>40.5mm	
2	Function	YD/T 925-1997		Meets the requirements	Qualification
Sequence Number	Inspection Item	Requirement		Inspection Results	Conclusion
3	Axis Tensile	Between cable and case $\geq 500N$		$>500N$	Qualification
		Between cable connector and case $\geq 5N$		$>5N$	
4	Crush	$\geq 200N$		Meets the requirements	Qualification
5	Torsion	$\pm 90^\circ$, 3cycles, 1min		Meets the requirements	Qualification
6	High Temperature Test	$(55\pm 2)^\circ C$, 2h, after test at room temperature condition for 2h, color uniform, no loss increase		color uniform, no loss increase	Qualification
7	Low Temperature Test	$(-25\pm 3)^\circ C$, 2h, after test at room temperature condition for 2h, color uniform, no loss increase		color uniform, no loss increase	Qualification
8	Damp Heat Test	$(30\pm 2)^\circ C$ (85 ± 3)%, 2h, after test at room temperature condition for 2h, color uniform, no loss increase		color uniform, no loss increase	Qualification
Sequence Number	Inspection Item	Requirement		Inspection Results	Conclusion
9	Insulated Resistance	Insulated resistance $\geq 2 \times 10^4 M\Omega$	Between two metal sections	$1 \times 10^6 M\Omega$	Qualification
			Between metal section and ground	$1 \times 10^6 M\Omega$	
			Between two cable	$1 \times 10^6 M\Omega$	
10	Voltage Resisting Strength	DC 15KV holding 1min, No breakage, no electric arc	Between two metal sections	No breakage No electric arc	Qualification
			Between metal section and ground	No breakage No electric arc	
			Between two cable	No breakage No electric arc	

Information Order:

Model	Specifications
ODF-IR2284	2200x800x400, 47U
ODF-IR2293	2200x900x300, 47U
ODF-IR2294	2200x900x400, 47U



ODF-IR Serial

DYSFO

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