

DATA SHEET

MAIN RACKS

ODF Series

Main Fibre Optic Distribution Frame (ODF)

Overview

An Optical Distribution Frame is used for establishing the termination and distribution of the trunk optical cable in optical communication systems, which makes it easier to connect, allocate and manage optical fibres.

Cabling Management

A cable inlet system is provided on the top of the frame as standard which provides secure fixing. Cables can be introduced from the top or the bottom of the frame subject to different requirements, A reliable cable fixture cover and earth protection device is also included.

Technical Specifications

Item	Description
Working temperature: (°C)	- 25~+ 55
Humidity	<85%(when the temperature is below 30°C)
Electric resistance	1000MΩ/ 500V (DC)
Voltage resistance	3000V (DC)/min, no break out, no arcing
Frame Material	High quality cold-rolled steel

Features

- High quality cold-rolled steel frame material applied;
- Welded structure, high strength and excellent rigidity;
- Electrostatic spray surface treatment with anti-corrosion;
- Modular design, easy and flexible installation, maintenance and expansion as required;
- Modular splicing tray employed;



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Australia Office

2 Anzed Court
 Mulgrave VIC 3170
 Australia

T. +61 3 8542 0600
 F. +61 3 8542 0629
 E. sales@c-cor.com.au
 www.c-cor.com.au

Regional Representation
 Pakistan / Korea
 E: sales@c-cor.com.au

Standard Main ODF Rack Capacity

No.	Frame dimension (H*W*D) (mm)	Qty. of 12 core splicing tray	Max. capacity
1	2600*840*300	60	720
2	2200*840*300	54	648
3	2000*840*300	48	576
4	2600*600*300	60	720
5	2200*600*300	48	576
6	2000*600*300	36	432

Non Standard Main ODF Rack Capacity

No.	Frame dimension (H*W*D) (mm)	Qty. of 12 core splicing tray	Max. capacity
1	2600*840*300	72	864
2	2200*840*300	60	720

Modular ODF (MODF) Rack Capacity

No.	Frame dimension (H*W*D) (mm)	Fibre Side		Device Side	
		72 Core Unit	Max. capacity	96 Core Unit	Max. capacity
1	2600*840*300	12	864	8	768
2	2200*840*300	10	720	7	672
3	2000*840*600	8	576	6	576

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Due to ongoing product development, technical specifications are subject to change without notice



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Ordering Information

C-COR Part Number: ABC.x.①.②.③.④.⑤

Code	Value	Description
P/N Prefix (x)	ABC.x	for Standard Models
	ABC.y	for Non Standard Models
	ABC.z	Modular ODF (MODF)
① Max. No. of Fibre Cores	1	864
	2	720
	3	648
	4	576
	5	432
② Cabinet Material	1	SPCC According to JIS G 3141 standard
	2	Double Galvanised Steel (DGS)
	3	Sheet Moulding Compound (SMC) or glass-fibre reinforced polyester
③ Rack Width	1	Single Mode Pigtaills
	2	Single Mode Ribbon Fibre
④ Optical Connector	1	SC/APC
	2	SC/PC
	3	LC/APC
	4	LC/PC
⑤ Rack Configuration	1	Full
	2	Custom (Specify During Order)
	0	Empty Rack



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C-COR P/N Examples	Description
TBA	Standard Empty Rack 2000x840x300mm (HxWxD)
TBA	MODF Rack with 720 Core Capacity, 2000x840x300mm (HxWxD) Pigtails and SC/APC Connectors

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Contact your local sales representative for product availability in your area and for other interface and option requirements.