ODF Series

Sub-Rack Mount and Splice Tray Optical Distribution Frame

Overview

The 19" rack-mount Fibre Optic Distribution Frame is a modularized sub rack that contains removable fibre trays and is made from cold-rolled steel. It can be pre-configured with a variety of fibre optic adapters and pigtails. The design also properly considers control of bend radius of the cable inside the enclosure to avoid extra optical loss. This frame is ideal for indoor fibre optic cables connection storage, distribution and management.

Sub racks ordered with pigtails and adapters contain one ODF rack, adapters and pigtails. Parts are shipped separately and installers assemble the pigtails and adapters in the ODF on site. Racks can be supplied to contain from 12 to 192 fibres and are equipped with splice holders and guides for fibres.

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 Specification

.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

Features

- Standard size, light weight and secure structure;
- Changeable splice tray inside;
- Can be used in 19'' and 23'' standard distribution frames;
- Suitable for ribbon and single fibre;
- Various panels available to fit different adapter interfaces;
- Front labels on the panel for easy identification and operation;
- 24, 36, 48, 72 and 96 Core Capacity options.

DATA SHEET

SUB RACKS AND TRAYS

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 Sub Rack Capacity

No.	Frame dimension (H*W*D) (mm)	Qty. of 12 core splicing tray	Max. capacity
1	(6RU)*840*300	12	96
2	(5RU)*840*300	8	72
3	(4U)*600*300	4	48
4	(3RU)*600*300	2	24
5	(2RU)*600*300	1	12

Note: RU height indicated above is for units with fibre storage tray included. The fibre storage tray adds 1 RU to the rack height.

Ordering Information

C-COR Part Number: ABC.x.①.②.③.④.⑤

Code	Value	Description
P/N Prefix (x)	ABC.x	Standard Models with 1RU Fibre Storage Tray
	ABC.y	Standard Models without 1RU Fibre Storage Tray
	ABC.z	12 Core Splice Tray Only
① **Max. No. of Fibre Cores**	1	96
	2	72
	3	48
	5	24
	6	12
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

③Cable Type	1	Single Mode Pigtails
	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

C-COR P/N Examples	Description
TBA	Sub Rack including Fibre Storage Unit and 12 Core Capacity Pigtails with SC/APC Connectors
TBA	Splice Tray Only with 12 Core Capacity Pigtails and SC/APC Connectors

Insert Margin images here if required

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