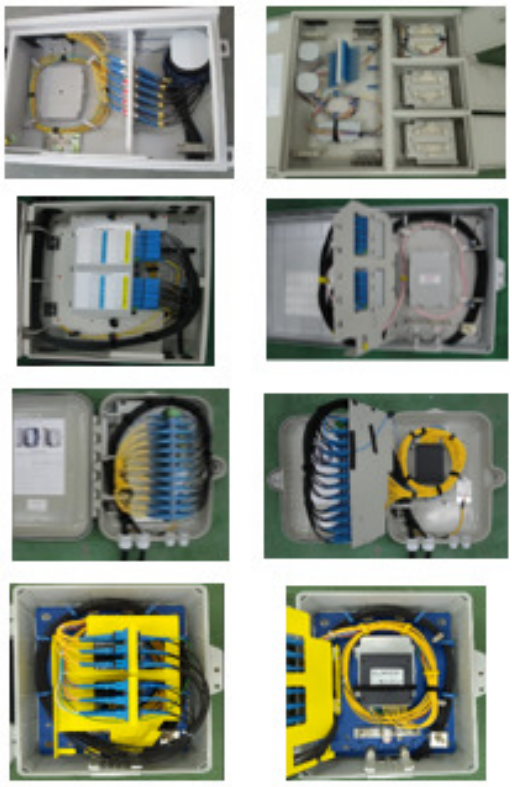
DATA SHEET

CABINET



ODB Series

Indoor/Outdoor Optical Enclosures

Overview

The C-COR Fibre-Optics Distribution Box (ODB) offers an ideal environment for fibres to be spliced and well organised in both indoor and outdoor environments. They can also incorporate field splitting devices or be configured as empty units.

The cabinets have the following capabilities:

- Fibre cable splicing, distribution and cross-connection.
- Solid and fully-closed structure providing an aesthetic dust-proof, appearance in a variety of sizes and materials;
- Easily and quickly installed with both wall and pole mount options;
- Cable entrances & exits located on the top and bottom;
- Lockable enclosures;
- Adjustable central adapter board to separate incoming cables and exiting fibres;
- Effortless adapter installation, providing easier maintenance;
- Available with or without PLC splitter, cassette or box type.

Mechanical

Description	Dimensions (Height x Width x Depth) (mm)
12/16 core (PC&ABS)	340×265×120
16 core (DGS)	350×340×100
12/16/32/36 core (SMC)	385×295×110
32 core (SMC)	385×295×160
12/24 core (DGS)	400×380×90
12/24 core (DGS)	400×380×105
32/48core (DGS)32 core (DGS)	450×380×110
32 core (DGS)	460×340×100
72 core (DGS)	460×480×140
36/48 core (DGS)	450×380×125
72 core (DGS)	500×400×150

Features

- Versatile Use;
- Maximum Capacity 72 core Fibre;
- 6-Position Adapter Holders;
- Screwless Installation of Adaptors;
- Suits Varied Adapter Styles;
- Variety of Solid Construction Materials Available;
- Lockable Enclosures.
- Double-Layer Cabinet Access:
  -Upper Layer for Splitters and Cable Distribution,
  -Lower Layer for Splicing.

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Technical Details

Item	Description
Working temperature (℃)	- 40~+ 60
Humidity (%)	5 ~ 100, IP65 Protection
Input voltage (AC) 50Hz	220V
Total radiation strength (W/m2)	≤1120 × (1±10%)
Electric resistance (MΩ/ 500VDC)	≥1000 ()2*104M
Voltage resistance (VDC/min)	≥3000, no breakdown or flashover
Frame Material	Cold-Rolled Steel (SPCC), Metal (DGM) or Sheet Moulding Compound (SMC)

Ordering Information

C-COR Part Number: ABC.x.①.②.③.④.⑤.⑥.⑥

Code	Value	Description
P/N Prefix	1	Optical Distribution Box (ODB)
① Max. No. of Fibre Cores	1	72
	2	48
	3	38
	4	36
	5	32
	6	16
	7	12
② Cabinet Material	1	SPCC According to JIS G 3141 standard
	2	Double Galvanised Steel (DGS)

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	3	Sheet moulding compound (SMC) or glass-fibre reinforced polyester
	4	Polycarbonate (PC) and Acrylonitrile Butadiene Styrene (ABS)
③ Cable 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 Splitter Dimensioning	1	4 Way
	2	8 Way
	3	16 Way
	0	Empty Slot
⑥ Internal Configuration	1	Splice Tray
	2	Flat Box
	3	Flanged Cassette
	0	Empty Box
⑥ Mount Type	1	Indoor
	2	Outdoor

C-COR P/N Example	Description
TBA	Optical Distribution Cabinet, Indoor 16 Core Capacity, Double Galvanised Steel Construction, Empty Box

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

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