

ODB-MB Series Enclosures have been developed to address the key requirement of fiber termination from distribution to drop cable in FTTH networks. The high quality enclosure terminates and splices up to 96 fibers. ODB-MB Series Enclosures can also be used in metro outside plant (OSP) networks. These enclosures protect fiber cable and connections through use of patented angled adapter and design features that maintain correct bend radii throughout the box. Wall mount type box provides excellent termination requirements.

Description:

- ▶ Swing Front Door enables full access during installation and maintenance
- ▶ Excellent routing, storage, protection and management functions
- ▶ Optical splice capability
- ▶ Wall Mounted Facility with 4 Mounting Screws & Fishers
- ▶ Water proof and dust proof Lockable box with Protection Degree IP54
- ▶ Provided with Top & Bottom Cable Glands for Cable Entries
- ▶ Manufactured from G.I sheet.
- ▶ Color coated with Powder coating RAL 7035 or as required RAL shade.
- ▶ Accommodates standard connectors /adapters types , SC, LC , ST , FC

Recommended Application:

- ▶ Splicing and Termination Outside Buildings
- ▶ FTTH Network Termination



Optical Characteristics:

Single-Mode ODB

Parameters

Optical Wavelength
 Insertion Loss
 Return Loss
 Operating Temperature
 Pigtail Standard
 Connector /Adapter Standard

Specifications

1260 nm to 1650 nm (Typical: 0.20dB)
 Maximum 0.30 dB
 Min. 50 dB for PC type Adapters , Min. 60 dB for APC type Adapters
 - 10 C to + 60 C
 SM (G.652-D, G.656 & G.657A)
 Telcordia, EIA / TIA and IEC Compliance

Multi-Mode ODB

Parameters

Optical Wavelength
 Insertion Loss
 Return Loss
 Operating Temperature
 Pigtail Standard
 Connector /Adapter Standard

Specifications

850 nm to 1300 nm
 Maximum 0.30 dB (Typical: 0.20dB)
 Minimum 20 dB for PC type Adapters
 - 10 C to + 60 C
 MM (OM1 /OM2 /OM3 and OM4)
 Telcordia, EIA / TIA and IEC Compliance

Accessories:

Cable Holding Gland	Cable Holding Gland	Splice Tray	FRP Holder
			
Hexagonal L-Key Lock	Cable Holder	Splice Sleeve	Protection Tube
			

ODB-MB Series Optical Distribution Boxes (Indoor/Outdoor)

Product Categorization :

No. Of Connections	Dimensions			Connector Type
	Height	Depth	Width	
12	300	110	350	LC (D)
12	300	110	350	SC ,FC or ST (S)
24	300	110	350	LC (D)
24	300	110	350	SC ,FC or ST (S)
36	300	110	350	LC (D)
36	300	110	350	SC ,FC or ST (S)
48	300	110	350	LC (D)
48	400	150	400	SC ,FC or ST (S)
72	400	150	400	LC (D)
72	400	150	400	SC ,FC or ST (S)
96	400	150	400	LC (D)

Product Drawings:

