



OTB-NMB 8F Series Fiber Optical enclosures are offered as Optical Termination Box (OTB), used in the end termination of residential buildings and villas, to fix and splice with pigtails.

OTB-NMB Series Boxes with capacities from 1 to 8 optical connectors are provided for indoor or outdoor use. These Boxes are wall mounted. All of these Boxes are manufactured and equipped with leading and storage elements for patch cords and optical cables, with splice tray, Inlet /Outlet Ports.

Description:

- ▶ Compact sizes, light weight and Good in appearance.
- ▶ Applicable for Indoor or Outdoor use.
- ▶ Wall Mount with 4 mounting bolts.
- ▶ Cable Glands entry holes for cable / patch cords are provided at the bottom
- ▶ Excellent cable gripping & Dust and water Ingress Protection with Mechanical cable glands.
- ▶ Front cover Swing type with hexagonal screw type lock.
- ▶ Optical splice capability.
- ▶ Water proof and Dust proof Lockable box. (IP-54)
- ▶ Available for FC, SC & LC adapters (PC & APC Polishing).
- ▶ All Plastic Parts are made from Polycarbonate Material.
- ▶ Operating Temperature Range is - 10 C to + 70 C.
- ▶ UL Approved (Complies IEC 60068-2-78 & IEC 60068-2-14)
- ▶ Color RAL 7035 or RAL 9002
- ▶ Compatibility with all type of incoming optical characteristics.

Recommended Application:

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

Optical Characteristics:

Single-Mode OTB-NMB

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 OTB-NMB

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



Product Categorization :

No. Of Connections	Dimensions			Connector Type
	Width	Depth	Height	
2	185	50	205	LC (Dx)
2	185	50	205	SC ,FC or ST (Sx)
4	185	50	205	LC (Dx)
4	185	50	205	SC ,FC or ST (Sx)
8	185	50	205	LC (Dx)