

TECHNICAL DATA SHEET
FOR
OPTICAL TERMINATION BOX
(OTB-NMB)
NON METALLIC BOX SERIES



مصنع أمواج الاتصالات
AMWAJ TELECOMMUNICATION FACTORY



ISO 9001 : QMS Certified



PO Box 325934 Riyadh
11371

Kingdom of Saudi Arabia

Tel: +966 11 4004718 /
4009204, Fax: +966 11
4008027

Website:

www.amwajfactory.com

E-mail:

sales@amwajfactory.com
info@amwajfactory.com

OTB-NMB Series Optical Termination Boxes (Indoor/Outdoor) wall mounting



OTB-NMB 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 48 optical connectors are provided for indoor or outdoor use. These Boxes are wall mounted. All Models 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.
- Grommet entry holes for cable / patch cords are provided at the bottom.
- Front cover Swing type with hexagonal screw type lock.
- Optical splice capability.
- Water proof and Dust proof Lockable box. IP-55
- Available for FC, SC & LC adapters (PC & APC Polishing).
- All Plastic Parts are made from Polycarbonate and ABS Material.
- Operating Temperature Range is - 10°C to + 60°C.
- UL Approved (Complies IEC 60068-2-78 & IEC 60068-2-14)
- Color RAL 7035 (Light Grey)
- Compatibility with all type of incoming optical characteristics.

Recommended Application:

- Splicing and Termination Outside Buildings
- FTTH Network Termination



Office No. 110, Exit 18, New Al-Kharj Road, Al-Manakh Industrial Area, PO Box 325934 Riyadh 11371, Saudi Arabia

Tel: +966 11 4009204 | Fax: +966 11 4008027 | Email: info@amwajfactory.com

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



Office No. 110, Exit 18, New Al-Kharj Road, Al-Manakh Industrial Area, PO Box 325934 Riyadh 11371, Saudi Arabia
Tel: +966 11 4009204 | Fax: +966 11 4008027 | Email: info@amwajfactory.com

Accessories:

Cable Plastic Holder	C Cable clamp	Hex Nut Key	Hex Nut Lock
			
Splice Sleeve	Rubber Damper (Round)	Rubber Pillar (cut)	Rubber Block
			

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)
8	210	65	230	SC ,FC or ST (Sx)
12	210	65	230	LC (Dx)
12	210	65	230	SC ,FC or ST (Sx)
24	210	65	230	LC (Dx)
24	255	100	335	SC ,FC or ST (Sx)
48	255	100	335	LC (Dx)

Office No. 110, Exit 18, New Al-Kharj Road, Al-Manakh Industrial Area, PO Box 325934 Riyadh 11371, Saudi Arabia
 Tel: +966 11 4009204 | Fax: +966 11 4008027 | Email: info@amwajfactory.com