Fiber Optic, Wall Mounted Enclosure, Optical Distribution Box, ODB-NMS-48

Product Description

The Optical Distribution Box (ODB) NM Series 48 is a robust outdoor-rated wall mount enclosure designed for FTTx networks in single dwelling, multi-dwelling and multi-tenant applications for up to 48 subscribers.
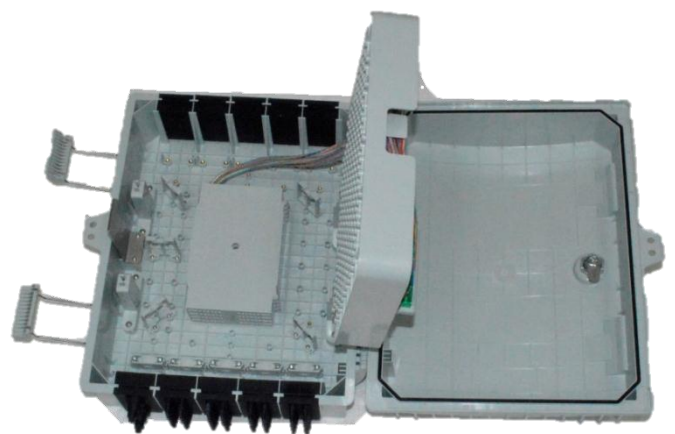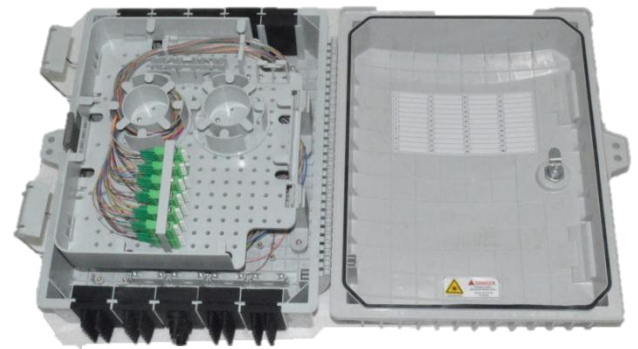
The ODB NM Series 48 features an internal swing tray that hold SC or LC adaptors. Fusion splices are contained in splice trays in the base. Excess fiber length is stored through management clips in the base, and fiber storage spools on the Swing Tray.

The ODB NM Series 48 can be ordered with top and bottom cable entry or bottom only cable entry. Rubber grommets are user-configured to secure input and output cables. It is easily mounted to a flat surface with 4 screws, accessible only when the cover is open. A pole mounting kit is also available.

Features

- UV resistant polycarbonate plastic
- Indoor and outdoor applications
- Impact resistant plastic with two external latches
- Wall mount or pole mount options
- Cable entry options from Top & bottom or both Side
- User-configured rubber grommets for inputs and outputs
- Water and dust resistance complies to IEC 60529 (IP54)
- Impact resistance complies to IEC 62262 (IK08)
- 1 or 2 Port rubber grommets for feeder cable ($\oslash$ 4 - 17mm)
- 12 Port rubber grommets for drop cables ($\oslash$ 2 - 7mm)
- Operating Temperature Range is - 10˚C to + 70˚C.
- Additional Side knockouts for connecting multiple enclosures
- Swing tray design for easy access to all components
- Up to 48 LC ports (Maximum Splice Capacity up to 96F Double Stacking)
- Splice trays, cable clamps and fiber managers in the base
- Hexagonal Main Key lock with protective cap
- Additional side lock to secure from water & dust ingress(IP-54)
- Color Grey or as per request
- Available for LC adapters (PC , UPC & APC Polishing).

Recommended Application:
- Splicing and Termination Outside Buildings
- FTTH Network Termination

Optical Characteristics:

Fiber & Adapter :

Parameters	Specifications
Optical Wavelength	1260 nm to 1650 nm
Insertion Loss	Maximum 0.25 dB (Typical: 0.12dB)
Operating Temperature	- 20˚C to + 70˚C
Fiber Standard	ITU-T SM G.657-A
Connector /Adapter Standard	Telcordia, EIA / TIA and IEC Compliance

Product Categorization:

Part Number	No. Of Connections	Dimensions			Connector Type
		Width	Depth	Height	
ATC-ODB-NM-LCQ-48F	48	338	165	390	LC (Quad)