



OSB-MB Series optical Splitter Boxes enables customers to accelerate their FTTx deployments more effectively and is an ideal solution when deploying FTTx networks for non-residential and residential applications.

OSB-MB Series optical Splitter wall mounted boxes provide a small footprint for splitting, splicing and terminating and are environmentally rated for outdoor and indoor use. Each enclosure is equipped with fiber splice trays allowing input splicing option. OSB-MB Series optical Splitter Boxes accept standard plug and play (PNP) splitters. Splitters can be easily added after the wall mounting of the boxes. OSB-MB Series optical Splitter

Boxes can accommodate Nx4 , Nx8 , N x 16 , N x 32 Splitters (N : Input 1 or 2)

Description:

- ▶ Applicable for indoor or outdoor use.
- ▶ Rated IP 54 for Ingress Protection.
- ▶ Wall Mounted Facility with 4 Mounting Screws & Fishers.
- ▶ Splitter can be easily installed (Plug & Play).
- ▶ Swing Double Front Door enables full access during installation and maintenance.
- ▶ Excellent routing, storage, protection and management functions
- ▶ Optical splice capability
- ▶ Provided with Top & Bottom Cable Glands for Cable Entries.
- ▶ Manufactured from Galvanized Steel Sheets
- ▶ Powder Coated Gray Color RAL 7035 or any RAL shade as required.



- ▶ An angle of 30 degree between the adapter and the front end of the module protects direct exposure to eyes.
- ▶ Splitter output capacity is maximum 64 fibers (2 splitters with 1:32 or 2:32 Split ratio)
- ▶ Accommodates standard LC connector and adapters.

Recommended Application:

- ▶ Wall mounted Termination Outside Buildings
- ▶ FTTH Network Termination

Optical Characteristics:

Single-Mode OSF Pigtailed & Adaptors

Parameters

Specifications

Optical Wavelength	1260 nm to 1650 nm (Typical: 0.20dB)
Insertion Loss	Maximum 0.30 dB
Return Loss	Min. 50 dB for PC type Adapters , Min. 60 dB for APC type Adapters
Operating Temperature	- 10 C to + 60 C
Pigtail Standard	SM (G.652-D, G.656 & G.657A)
Connector /Adapter Standard	Telcordia, EIA / TIA and IEC Compliance

PLC Splitters

Specifications:	1 x 2 50/50	2 x 2 50/50	1 x 4	2 x 4	1 x 8	2 x 8	1 x 16	2 x 16	1 x 32	2 x 32	
Operating Wavelength	1260- 1620 nm										
Fiber Type	Single Mode ITU-T G657-A										
Insertion Loss (dB)	Typical	3.6		6.8		10.2		13.2		16.2	17.2
	Max	3.8		7.2	7.8	10.6	11.2	13.8	14.6	17.0	17.5
Return Loss (dB) Min		55/50	55/50	55/50		55/50		55/50		55/50	
PDL (dB)	Typical	0.1	0.1	0.1		0.1		0.2		0.2	
	Max	0.2	0.2	0.2		0.2		0.3		0.3	
Directivity (dB)		55	55	55		55		55		55	
Wavelength Dependant Loss (dB)	Typical	0.2	0.2	0.2		0.2		0.3		0.3	
	Max	0.3	0.3	0.3		0.3		0.5		0.5	
Temperature Stability	Typical	0.3	0.3	0.3		0.3		0.4		0.4	
(-40 °C ~ + 85 °C)	Max	0.5	0.5	0.5		0.5		0.5		0.5	

Accessories:

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

Product Categorization :

No. Of Connections	Dimensions			Connector Type
	Height	Depth	Width	
2: 8	400	100	300	LC (Dx)
2: 16	400	100	300	LC (Dx)
2: 32	400	100	300	LC (Dx)

Product Drawings:

