

RACK MOUNT SPLITTERS



STL rack mount splitters MXN are based on planar lightwave circuit technology and high precision alignment. MxN splitters can split or combine light from one or two fibers into N outgoing fibers uniformly over a wide spectral range with ultra low insertion loss and low polarization dependent loss. STL splitters are highly compact and offer excellent optical performance with high reliability. These splitters are fully compliant with Telcordia GR-1209/1221 and are guaranteed for operation at outside plant environments.

STL splitters are available in premium and standard grades, with a wide range of pigtail and connector options. Splitters can be provided in modules or in any other form as per requirement.

STL splitters come from a world-class facility backed by years of manufacturing experience in fiber optic components. With upto 8 output ports, these splitters are ideal for high density split applications like Fiber To The Home (FTTH) networks.

FEATURES

- ◆ Low Insertion Loss
- ◆ Ultra broadband performance (1260 -1650nm)
- ◆ PDL @ 1310/1550nm
- ◆ Superior port to port uniformity
- ◆ Compact packaging
- ◆ Excellent price performance ratio
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APPLICATIONS

- ◆ FTTH Deployments.
- ◆ PTP Networks
- ◆ Optical CATV Networks
- ◆ Local Area Networks

CONNECTOR

- ◆ SC - PC / UPC / APC 8o
- ◆ LC - PC / UPC / APC 8o
- ◆ FC - PC / UPC / APC 8o
- ◆ E2000 - PC / UPC / APC 8o



PRODUCT SPECIFICATION

Optical Parameters						
Parameter	1x2	1x4	1x8	1x16	1x32	2x32
Max Insertion loss (dB)	4.0	7.5	10.4	13.7	17	17.4
Max Uniformity (dB)	0.6	0.7	1	1.3	1.6	3
Max PDL (dB) 1310/ 1550nm	0.2	0.2	0.2	0.3	0.3	0.6
Operating Wavelength	1260 - 1650nm					
Return Loss (dB)	> 55					
Directivity (dB)	> 55					
Fiber Type	G657A1					

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