Product Specification

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 fibres into N outgoing fibres 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 fibre optic components. With upto 8 output ports, these splitters are ideal for high density split applications like Fibre 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

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					
Fibre Type	G657A1					

Product Part Codes

ITEM Code	Optical Parameters
FBR2011901NA	OCFPS Fibre Optic Splitter Panel, one 2x32, symmetrical, planar, singlemode, SC/APC, 1U, 19 in, gray
FBR201NA06NA	OCFPS Fibre Optic Splitter Panel, one 2x32, symmetrical, planar, singlemode, LC/APC, 1U, 19 in, gray

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