

MxN splitters 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. 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.

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

Splitters come from a world-class facility backed by years of manufacturing experience in fiber optic passive & active modules.

Applications

- ❖ FTTx Deployments
- ❖ Optical CATV Networks
- ❖ CWDM and DWDM Systems
- ❖ Passive Optical Networks
- ❖ Fiber Communication Systems
- ❖ Telecom, LANs

Product Features

- ❖ Low Insertion Loss
- ❖ Ultra broadband performance (1260 –1650nm)
- ❖ Stable towards thermal variations
- ❖ Superior port to port uniformity
- ❖ Tested for FTTH optical high power levels (Analog Video Transmission)
- ❖ Compact packaging
- ❖ Excellent price performance ratio



Mx2 Splitter



Mx16 Splitter



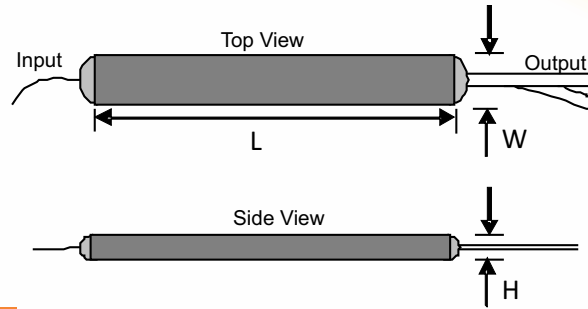
Mx32 Splitter



LC/APC Connector

Description	Model Number
1x2 PLC splitter with 900 micron leads 1m LC/APC	PL102PMJLA1-0
1x16 PLC splitter with 900 micron leads 1m	PL116PMJNC1-0
1x16 PLC splitter with 900 micron leads 1m LC/APC	PL116PMJLA1-0
2x16 PLC splitter with 900 micron leads 1m	PL216PMJNC1-0
2x16 PLC splitter with 900 micron leads 1m LC/APC	PL216PMJLA1-0
1x32 PLC splitter with 900 micron leads 1m	PL132PMJNC1-0
1x32 PLC splitter with 900 micron leads 1m LC/APC	PL132PMJLA1-0
2x32 PLC splitter with 900 micron leads 1m	PL232PMJNC1-0
2x32 PLC splitter with 900 micron leads 1m LC/APC	PL232PMJLA1-0

Outline Drawing



Specifications

Wavelength	1260-1650nm		1310nm / 1550nm
Split Ratio	Max. IL (dB)	Uniformity (dB)	PDL (dB)
1 x 2	4.1	0.7	0.2
1 x 16	13.7	1.3	0.3
1 x 32	17.0	1.6	0.3
2 x 2	4.4	0.7	0.2
2 x 16	14.3	2.0	0.4
2 x 32	17.7	2.4	0.4

Connector Loss 0.3dB

PLC Splitter size (in mm)

Fiber type: 2mm fiber cable on both input and output

1:2	1:16	1:32
60X7X4	60X12X4	80X20X6
2:2	2:16	2:32
60X7X4	80X12X4	80X20X6