

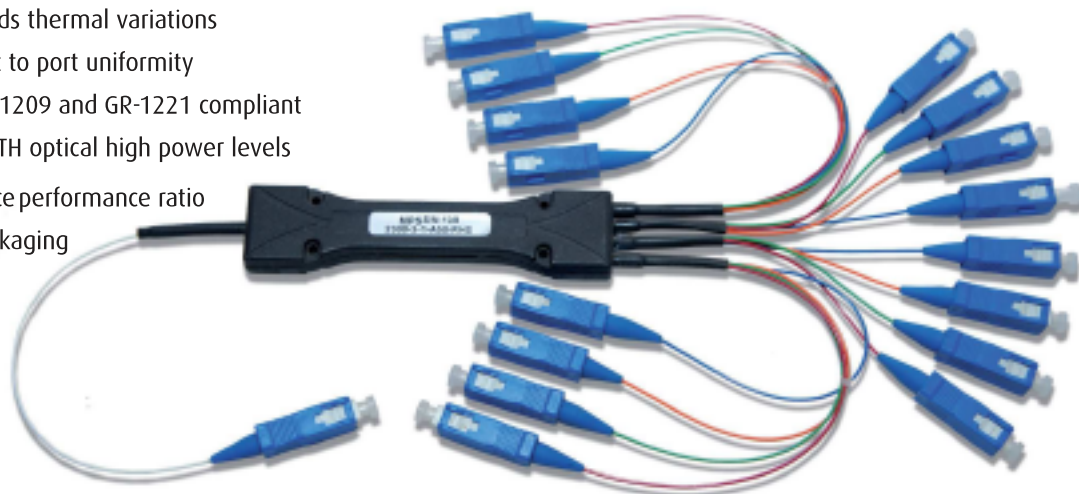
MxN Planar Splitter

XiO Photonics' MxN splitters are based on planar lightwave circuit technology and high precision alignment. The splitters can split or combine light from one or two fibers into N outgoing fibers. The ultra-low insertion loss, polarization dependent loss and uniformity are specified over a very wide spectral range.

The splitters are fully compliant with Telcordia GR-1209/1221 and give excellent performance with high reliability. XiO Photonics' splitters are available in premium and standard grades, with a wide range of pigtailed and connector options.

Features

- Low insertion loss
- Ultra broadband performance (1260-1630 nm)
- Low PDL and PMD
- Stable towards thermal variations
- Superior port to port uniformity
- Telcordia GR-1209 and GR-1221 compliant
- Tested for FTTH optical high power levels
- Excellent price performance ratio
- Compact packaging



Specifications

Configuration	1x4		1x8		1x16		1x32		2x4	2x8	2x16	2x32	
Grade	P	S	P	S	P	S	P	S	S	S	S	S	
Operating wavelength	nm 1260-1630												
Insertion loss (Max.)	dB	7.4	7.6	10.5	10.8	13.6	14.0	17.0	17.3	7.8	11.1	14.3	17.8
Uniformity (Max.)	dB	0.6	0.7	0.6	0.8	0.9	1.2	1.1	1.3	1.4	1.4	1.9	2.2
PDL (Max.)	dB	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.3	0.3	0.3
Return Loss	dB	> 55											
Fiber type	dB	SMF28											
Operating/ Storage Temperature	°C	-40 to +85											
Package Dimension	mm	40x4x4		42x5x4		50x7x4		40x5x4		42x5x4		50x7x4	