



Fiber Optic Splitters

Product Specifications

Description

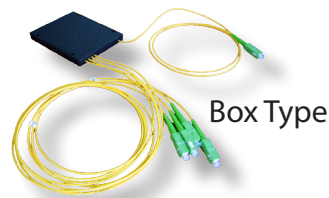
The Planar Lightwave Circuit (PLC) splitter is a type of optical power management device that is fabricated using silica optical waveguide technology. Features include small size, high reliability and a wide operating wavelength. The PLC splitter is widely used in all fiber optic networks to realize optical signal power splitting. All products are GR-1221-CORE compliant.



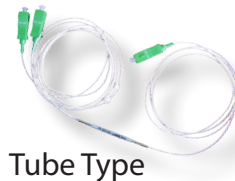
LGX Cassette



Rack Mount



Box Type



Tube Type

Features

- » Low Insertion and Excess Loss
- » Even or Various Splitting Ratios
- » 1x2 through 1x128 Configurations
- » Bidirectional, Compact
- » Environmentally Stable
- » Wide Wavelength Range
- » High Uniformity
- » Telcordia GR-1221-Core Compliant

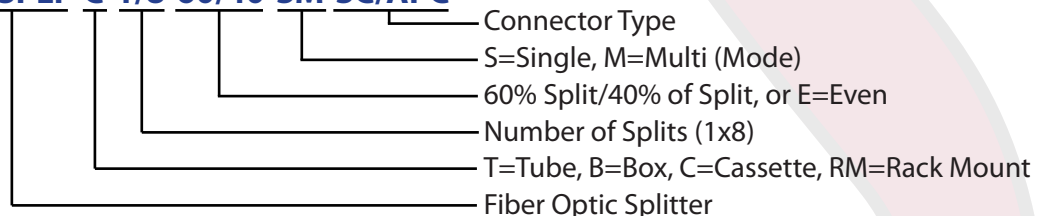
Specifications - Parameters	1x2	1x4	1x8	1x16	1x32	1x64	1x128
Operating Wavelength (nm)	1260 ~1650						
Insertion Loss Typical / Max	4.0 / 4.2	7.2 / 7.4	10.3 / 10.5	13.8 / 14.0	16.8 / 17.0	20.2 / 20.4	23.5 / 23.7
Loss uniformity (dB) Max	0.8	0.8	0.8	1.0	1.2	2.0	2.0
Return Loss (dB) Min	≥50						
Polarization Dependent Loss (PDL) (dB) Max	0.1	0.1	0.1	0.2	0.2	0.2	0.2
Directivity (dB) Min	≥55						
Optical Fiber Type	SMF-28, or as required						
Operating / Storage Temperature	Operating: -20 - 75°C (-4 - 167°F), Storage -40 - 85°C (-40 - 185°F)						

Applications

- » Long-Haul Tele/Data Communications
- » Fiber Optic Equipment and Systems
- » CATV Systems
- » Local Area Network, PON, and FTTH
- » Fiber Sensors
- » DWDM Networks

Multicom PLC splitters are available in tube, box, cassette, and rack mount configurations, from 1 to 128 splits, even or customized splits, single and multimode, with any connector type .

FOSPLF-C-1/8-60/40-SM-SC/APC



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