



Multicom Fiber Optic Splitters

Multicom's fiber optic splitters are available in a wide range of styles and sizes to split or combine light with minimal loss. All splitters are manufactured using a very simple process that produces reliable, low-cost devices. Splitters can be fabricated in custom fiber lengths and with any type of connector.

Features

- » Corning fiber
- » LGX Compatible
- » Low Insertion Loss
- » Even or Various Splitting Ratios
- » 1x2 through 1x64 Configurations
- » Bidirectional, Compact
- » Environmentally Stable

Applications

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

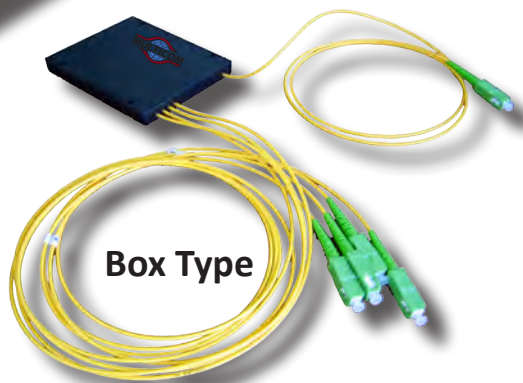
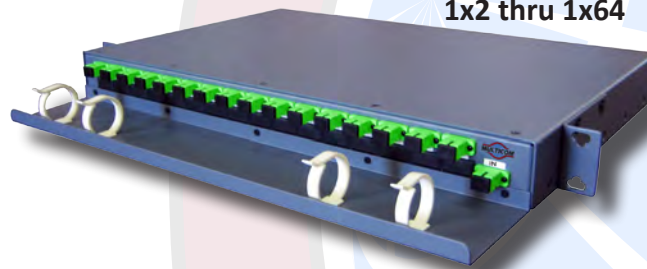
Multicom manufactures a large variety of splitters:



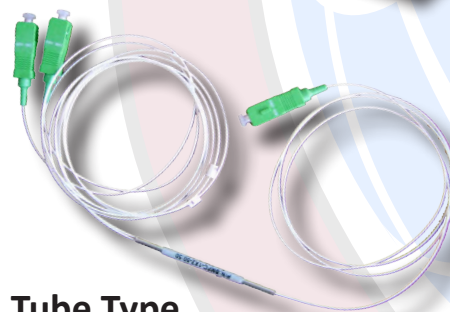
Single and Double Wide LGX Cassette

(installed into a
rack-mountable chassis)

Rack Mount 1x2 thru 1x64



Box Type



Tube Type

These splitters are immune to electro-magnetic interference (EMI), consume no electrical power, and do not add noise to the system design.

Multicom's line of fiber optic passives also include a wide variety of high quality and cost-effective Jumpers, Pigtails, Mating Sleeves, and Attenuators. See our web site for details.

No matter what type of fiber optic passive you are looking for - Look to us first!

www.multicominc.com

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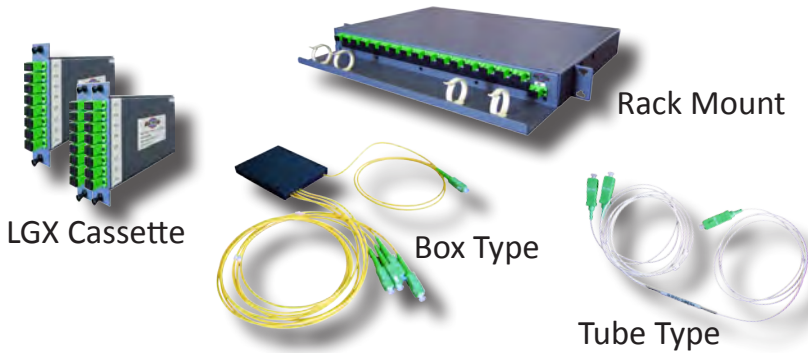


Multicom Fiber Optic Splitters

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.



Features

- » Low Insertion and Excess Loss
- » Even or Various Splitting Ratios
- » 1x2 through 1x64 Configurations
- » Bidirectional, Compact
- » Environmentally Stable
- » Wide Wavelength Range
- » High Uniformity
- » Telcordia GR-1221-Core Compliant

Specifications

Parameters	1x2	1x4	1x8	1x16	1x32
Operating wavelength (nm)	1260-1360, 1480-1600				
Insertion Loss Typical/Max (dB)	<4.0/<4.2	<7.2/<7.5	<10.5/<11	<13.5/<14	<16.5/<18
Loss uniformity (dB)	<0.4	<0.6	<0.8	<1.2	<1.7
Return Loss (dB)	>50				
Polarization dependent loss (dB)	<0.3				
Directivity (dB)	>55				
Wavelength dependent loss (dB)	0.3	0.3	0.3	0.5	0.5
Operating/Storage temperature (°C)	-40 - 85				

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 64 splits, even or customized splits, single and multimode, with any connector type .

Part# FOSPLT-RM-PLC-1/3-E-SM-SC/APC



www.multicominc.com

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