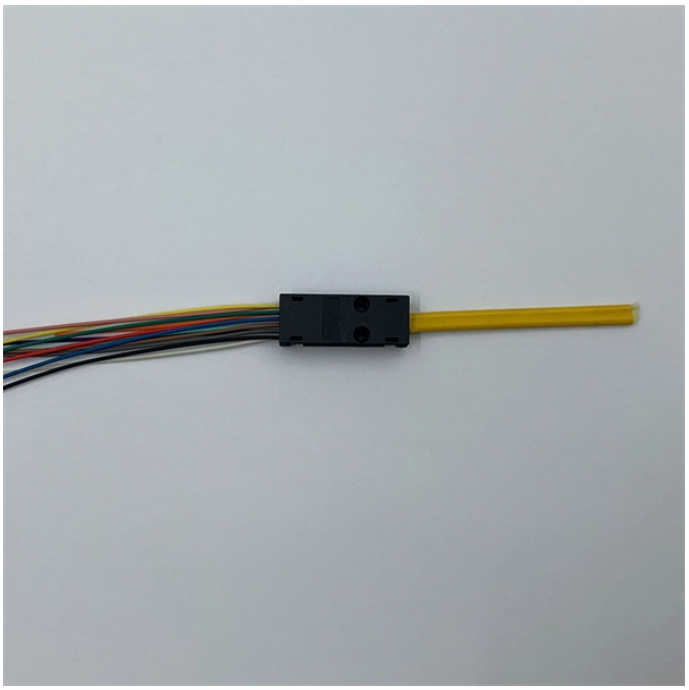
GDR Telecom Site Energy Systems

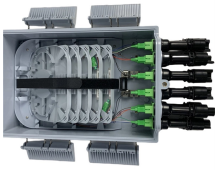
Bahrain Planar Waveguide Optical Splitter



Bahrain Planar Waveguide Optical Splitter

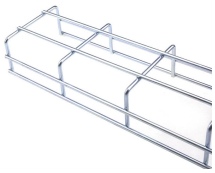
Optosun provides a wide range of PLC splitting components based on thin-film filter, planar-waveguide, and fused Biconical tapered technologies.

Planar waveguide splitters are a good alternative to multi-channel splitters. They do not have to be assembled in cascading order and can therefore be quite compact in size.



The working of PLC splitters relies on strategically designed optical waveguides fabricated on a silica substrate using photolithography techniques adapted from semiconductor manufacturing.

Planar lightwave circuit (PLC) splitter is a type of optical power management device that is fabricted using silica optical waveguide technology to distribute optical signals from Central Office (CO) to …



PLC splitter, or the Planar Waveguide Circuit splitter, is a passive device to divide one or two optical signals to multiple signals uniformly or combine multiple signals to one or two optical …

	This 1 x 8 Optical Waveguide Splitter utilizes planar technology with silica waveguides to provide a variety of optical characteristics. These Planar Optical Waveguide characteristics include, low ...
	It features small size, high reliability, wide operating wavelength range and good channel-to-channel uniformity, and is widely used in PON networks to realize optical signal power splitting.
	PLC Splitters are based on planar waveguide circuit technology. Inside the splitter, a silica glass substrate routes the incoming optical signal through a waveguide and evenly splits the light into ...
	It explains how waveguide technology, including passive optical components like waveguides and couplers, enables the splitting and combining of optical signals.
	The EM4 high reliability, high grade and superior performance planar lightwave circuits (PLC) based planar waveguide optical signal splitters are the component of choice to combine or split optical ...

Contact Us

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