

LC to LC splitter 1 to 16



AI Overview

An LC to LC 1-to-16 splitter is a passive PLC fiber optic device that splits one input signal into 16 output fibers, commonly used in PON and FTTx networks. Overview An LC to LC 1-to-16 splitter is a passive optical device that divides a single optical signal into 16 identical outputs. It typically uses Planar Lightwave Circuit (PLC) technology, which ensures uniform power distribution across all output fibers and minimal signal distortion. These splitters are available with LC/UPC or LC/APC connectors and are compatible with singlemode fibers. Key Features Split Ratio: 1 input to 16 outputs, with even distribution of optical power. Insertion Loss: Typically around 13.6 dB for a 1:16 split, depending on wavelength and quality. Passive Operation: No external power supply is required. Connector Options: LC/UPC, LC/APC, SC/UPC, SC/APC, FC/UPC, FC/APC, and ST/UPC. Fiber Type: Singlemode (SM 9/125µm) with loose tube or mini-tube packaging. Panel Compatibility: Can be mounted in 1U or 3U panels, allowing modular installation in 19" racks. Applications LC to LC 1-to-16 splitters are widely used in: Passive Optical Networks (PON) for FTTH/FTTx deployments. LAN and Datacom networks to distribute optical signals efficiently. CATV and building networks where multiple endpoints require the same optical signal. Local Convergence Points (LCPs) and large office buildings for high-density fiber distribution. Advantages High reliability and low channel-to-channel variation. Compact and modular design, suitable for high-density installations. Cost-effective solution for distributing a single optical signal to multiple users. Bend-insensitive fibers reduce signal loss in tight installations. Installation Notes Splitters can be pre-terminated with LC connectors for plug-and-play deployment or unconnectorized for splicing. Panels can accommodate multiple modules, e.g., a 3U panel can hold up to 12 modules, providing flexibility for network expansion. Proper handling is required to avoid excessive bending or stress on the fibers, which could increase insertion loss. In su...

Article Content

1:16 Fiber optic splitter in Cassette module with LC/APC

Fiber optic module delivered complete with 1:16 splitter terminated in LC/APC connectors. The modules are inserted in a 1U or 3U panel. The 3U panel may be

1x16 PLC Fiber Optic Splitter

This PLC Splitter is a 1x16, with 1 input and 16 output fibers with an even split ratio across all fibers regardless of input wavelength. PLC Splitters are available with

1×16 PLC Splitter

1×16 PLC Splitter PLC (Planar Lightwave Circuit) Splitters are designed as single-mode splitters with an even split ratio from one input fiber to multiple output

1x 16 PLC Fiber Splitter, Standard LGX Cassette, LC/APC, Singlemode

1x 16 PLC Fiber Splitter, Standard LGX Cassette, LC/APC, Singlemode Features Divide the Input Signal Uniformly Among 16 Output Ports. Low Insertion Loss of ≤ 13.7 dB and Low Polarization Dependent

yingdapc

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

1x16 Single Mode Fiber Optic Splitters

Thorlabs" Single Mode 1x16 Fiber Optic Planar Lightwave Circuit (PLC) Splitters allow a user to split a single input signal evenly into 16 output signals, which is

Fiber Optic PLC Splitter LC/UPC

This PLC-Splitter let split an optical signal to multiple fibers. The splitter is supplied ready assembled with measuring protocol. It is a passive element, a corresponding attenuation of about 13.5 dB is

1*16 LC LGX Cassette Box PLC Fiber Optical Splitters

Product Description Shenzhen Spring Optical Communication Co.,Ltd Planar lightwave circuit (PLC) splitter is a type of optical power management device that

1 x 16 PLC-Fasersplitter, Standard LGX-Kassette,

Mehr erfahren 1x 16 PLC-Fasersplitter, Standard LGX-Kassette, LC/APC, Singlemode Planarer Lichtwellenleiter-Schaltkreis (PLC)-Splitter ist ein optisches

LGX Box Fiber LC Splitter

1×2, 1×4, 1×8, 1×16 LGX Box PLC Fiber Splitter (Wiki: What is Optical Fiber Splitter?)
for Standard LGX Cassette, LC/APC, SC/APC, Singlemode, Passive

1 x 16 PLC-Fasersplitter, Standard LGX-Kassette,

Planarer Lichtwellenleiter-Schaltkreis (PLC)-Splitter ist ein optisches

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Wählen Sie Splitter passend zu Ihrer Umgebung – ob für den Außenbereich, für Inhouse-Installationen, den Schaltschrank oder industrielle Umgebungen mit

Module, splitter, 1:16, LC/PC, SM Foss AS

Fiber optic module delivered complete with 1:16 splitter terminated in LC/PC connectors. The modules are inserted in a 1U or 3U panel. The 3U panel may be populated with up to 12 modules, the 1U

1x16 Plug-in PLC Splitter SC/APC 0.9mm SM –

This 1×16 plug-in cassette type PLC splitter is with plug-in-play design which enables fast deployment of fibers without splicing machine. It can save time and

1 x 16 PLC Fiber Splitter, Standard LGX Cassette, LC/APC,

LGX cassette splitter is most commonly used to provide full protection for internal optics and cables. With its small size, high reliability, and wide operating wavelength range, it is widely used in PON

PLC Splitter 1×16 Steel Tube

The 1×16 Steel tube PLC Splitter devices have high performance in terms of low insertion loss, low PDL, high return loss, and excellent uniformity over a wide

1X16 Fiber Optic PLC Splitter ABS Module With

Welcome to buy our high quality products or wholesale our customized 1×16 fiber optic plc splitter abs module with lc/apc connector in stock

1X16 Fiber Optic PLC Splitter Device With Fan-out Kits

1×16 PLC Splitter Device with Fan-out Kits We springoptic can do PLC Splitter with Fan-out kits,G657A1 fiber 900um for input and output,FC,SC,LC,ST standard connectors for choice

-Teleweaver in China

PLC Splitters 1x16 are available with 900µm loose tube singlemode fiber and terminated or unterminated as per your needs. Unconnectorized PLC splitters

Fiber Optic Splitters | PLC & FBT Optical Splitters

Discover a wide range of reliable fiber optic splitters. Our PLC and FBT splitters offer low loss and various split ratios for FTTH, PON, and CATV networks.

Fiber Optic PLC Splitter LC/UPC

Passive Fiber Optic PLC Splitter Modul for the branch distribution function of an optical signal to 16 cores

Fiber Optic Splitters | PLC Splitters | Optical Splitter

Available in a variety of configurations, including 1X4, 1X8, and 1X16 splits, our fiber optic splitters are designed for reliable, high-performance fiber optic networks. The SC/APC and LC/APC connectors

PLC Splitter 1:16 LC/APC - Angled Fibre Signal

1:16 PLC splitter with LC/APC connectors. Low-reflection, pre-terminated fibre splitter for FTTH and GPON networks. IEC and Telcordia-compliant.

Contact Us

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