

Carrier-grade 1-to-2 fiber optic splitter



Overview

0-Bare-5050 FBT splitter for fiber optic is designed for efficient optical signal distribution in telecom and data networks. Thorlabs offers a varied selection of single mode (SM), polarization-maintaining (PM), multimode (MM), and double-clad fiber couplers, as well as 1x8 and 1x16 SM PLC splitters; 1x4, 1x8, and 1x16 PM PLC splitters; wideband multimode circulators; RGB combiners; and WDMs. Our SM and double-clad fiber. Planar lightwave circuit (PLC) splitter is a type of optical power management device that is fabricated using silica optical waveguide technology to distribute optical signals from Central Office (CO) to multiple premise locations. T PON standards such as GPON, XGS-PON and new 25 and 50G standards. Corning Optical Communications offers connectorized splitter minimodules, suitable inside all fiber optic hardware where highest density is required. Splitter minimodule 900 micron is based on the PLC (Planar Lightwave Circuit) technology, which has a compact size. 1xN and 2xN configurations are. Among the most compact yet essential components in the optical toolkit is the fiber optic splitter 1x2 —a device engineered to divide one optical input into two output channels without compromising signal quality. This PLC Splitter is a 1x2, with 1 input and 2 output fibers with an even split ratio across all fibers regardless of input wavelength.



Article Content

Feb 13, 2026

DME PROLINK | Fiber Optic Splitter Panel, 19" Rack-mount, SC/APC, 2

Fiber Optic Splitter Panel, 19" Rack-mount, SC/APC, 2:32 Splitter, 1 Instance PART NUMBER : D1249-SCA232X1 • 19" Rack-mountable; 1RU • Easy to install. • Comes with Pre-connectorised - SC/APC •

Jul 20, 2025

1x2 Optical Splitter | Multimode | FIBERONE

The FIBERONE 1×2 Multimode Optical Splitter is a premium component designed for the exact distribution of optical signals in high-performance data environments. Utilizing Fused Biconical

Aug 31, 2025

1:2 Fiber optic Splitter, 10/90, 9/125/900, SC/APC Foss AS

Splitter terminated with fiber optic SC/APC connectors. Passive splitters for distributing the signal to several fibres.

Sep 05, 2025

Customized 1x2 Multimode MMC Fiber Optic Coupler

MMC (Multimode Couplers) or fiber optic splitters, are Multimode FBT (Fused Biconical Splitter) Splitters with a defined split ratio from one input fiber to 2

Jun 07, 2026

1:2 Fiber optic splitter in Cassette module with LC/APC

Fiber optic module delivered complete with 1:2 splitter terminated in LC/APC connectors. The modules are inserted in a 1U or 3U panel. The 3U panel may be

Aug 24, 2025

1x2 Optical Splitter | Fiber Optical Splitters | FIBERONE

The FIBERONE 1×2 Single-Mode Optical Splitter is a premium solution designed for the precise distribution of optical signals within modern telecommunications infrastructures. Utilizing Fused

May 18, 2026

Datasheet

Fiberoptic Instrumentation The FC Series fiber optic coupler is based on Agiltron's fused biconical taper technology and compact packaging structure. It features good uniformity, low excess loss and very

Nov 26, 2025

FBT Splitter For Fiber Optic: 1x2 Reliable & Low-Loss

This fiber optic plc splitter effectively divides fiber optic light into multiple sections at a specific ratio. Thanks to its small form factor and bending-insensitive cables, the

Oct 21, 2025

LG OPTIC

Fiber optic splitter is essential for efficient network management. Choose from Mini versions for space-saving or Abs versions for robust installations.

Sep 17, 2025

1x2 PLC Splitter with SC/APC Connectors

Ideal for FTTx, PON, LAN, CATV, and data center applications, this splitter fits easily into racks, wall boxes, and optical enclosures. A reliable solution for efficient

Nov 03, 2025

1X2 FBT Coupler mini steel tube Split Ratio 50/50 to 99/1

Description fbt splitter is a type of optical power management device that is fabricated using Fused Biconical Tape technology. It features small size, high

Dec 26, 2025

Fiber Optic Splitter 1x2: A Smart Choice for Precise

This article explores the technological foundation, real-world use cases, and product selection strategies for 1x2 fiber optic splitters, with a focus on

Dec 24, 2025

High Power 1x2, 2x2 Single Mode Fiber Optic

SKU: HPFC The HPFC Series fiber optic coupler is fully tested and burned in at the specified high power for quality control. 2x2 can be used as 1x2 in which the

Apr 03, 2026

1x2 / 2x2 Single Mode Fiber Optic Coupler/Splitter 360~1090nm,

SKU: FCSN The FC Series fiber optic coupler is based on our fused biconical taper technology and compact packaging structure. It features good uniformity, low excess loss, and very low polarization

Mar 19, 2026

Fused Fiber Optic Couplers / Splitters

Our SM and double-clad fiber coupler offerings also include a selection of components ideal for OCT applications.

Jan 10, 2026

1 x 2 PLC Fibre Splitter, Mini Module Single-mode, SC/APC

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

May 09, 2026

Optical Splitters for Central Office/Headend

Optical splitters and couplers split or combine light—distributing signals injected into a single fiber strand to multiple fibers, enabling point to multi-point communication

May 09, 2026

Fiber Splitter: the crossroads of fiber optic networks

As one of the key components in fiber optic networks, cs plays a vital role. This article will help you understand the working principle, application

Jun 07, 2026

1×2 FBT Splitter, Singlemode, 2.0mm Cable SC Connector

Our 1×2 FBT Splitter is a high-performance optical splitter designed for singlemode fiber networks. Featuring low insertion loss, wide operating wavelength

Oct 06, 2025

Thor F-PLC-1x2 1x2 Rackmount Fiber Optic Splitter

The Thor Fiber F-PLC 1x2 splitter can be used in any single mode fiber application for injecting a single SC/APC fiber stream connection and splitting it to multiple

May 07, 2026

Splitter Minimodule | Corning

They combine the small packaging of bare splitters with the advantages of preconnectorization in FTTH networks. All splitter minimodules are delivered with

Sep 27, 2025

1x2 / 2x2 Single Mode Fiber Optic Coupler/Splitter VIS/NIR

The FC Series fiber optic coupler is based on Agiltron's fused biconical taper technology and compact packaging structure. It features good uniformity, low excess loss and very low polarization sensitivity.

Jan 18, 2026

Optimize Your Selection: A Guide to Choosing the Right

Choosing the right optical splitter can be confusing with so many options available. This guide will simplify the process and provide valuable

Jul 01, 2025

1x2 PLC Singlemode Fiber Optic Splitter | Fibertronics, Inc.

PLC Splitters are Singlemode splitters with an even split ratio from one input fiber to multiple output fibers. This PLC Splitter is a 1x2, with 1 input and 2 output fibers

Jan 13, 2026

Bluerigger 1x2 Toslink Digital Fiber Optic Audio Splitter 1 Male Input

About this item Toslink fiber optic audio splitter allows you to connect one optical audio source and split it into two receiving devices, such as a

Feb 05, 2026

1x2 Blockless Fiber Optic Splitter

This 1x2 mini type PLC fiber optic splitter has a stainless tube package that can provide strong protection for optical fiber cable. And the splitter ends terminated with sc apc connectors, so there is

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.regen-power.co.za>

Email: info@regen-power.co.za

Phone: +49 176 845 2036

Address: Taunusanlage 15, 60325 Frankfurt am Main, Germany

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