

1 16 beam splitter with no attenuation



Overview

A 1×16 PLC Splitter is a compact and reliable solution that splits one input fiber into 16 output fibers with minimal signal loss. It ensures consistent signal transmission across all output channels, offering excellent performance in passive optical networks. Pellicle beamsplitters provide excellent. An Optical Beamsplitter is an optic or optical device that is used to split a beam of light in two. Newport offers a wide variety of Beamsplitters in various shapes. Advantages are: minimal. The AOA single-mode Planar Lightwave Circuit Splitter (PLCS) is developed based on unique silica glass waveguide process with reliable precision aligned fiber pigtail in a miniature package, it provides a low cost light distribution solution with small form factor and high reliability.



Article Content

Apr 03, 2026

VA-CB-1064 Variable Beam Splitter

Newport's VA-CB series of high energy variable beam splitters provide continuous beam splitting or attenuation for high energy, pulsed lasers such as Nd:YAG. The

Mar 01, 2026

Cube Beamsplitters

Cube Beamsplitters are a type of Beamsplitter used in many life science or laser applications. Cube Beamsplitters are used to split incident light into two separate

Oct 08, 2025

Beamsplitters: A Guide for Designers | Optics

The transmittance and reflectance curves shown in Figures 1 through 6 are for unpolarized inputs at an angle of incidence of 45°. As can be seen from the p-

Feb 16, 2026

1x16 PLC Splitter for FTTX, MDU & GPON

A 1×16 PLC Splitter is a compact and reliable solution that splits one input fiber into 16 output fibers with minimal signal loss. It ensures consistent signal transmission

May 14, 2026

Beam Splitter Selection Guide

Our beam splitters are made from high grade glass material with laser grade surface flatness & surface quality for tighter tolerance on the splitting ratio.

Sep 25, 2025

Non-Polarizing Beamsplitter Cubes: A Comprehensive

Beam Deviation: MOK Optics' cubes offer a beam deviation of 1 arc minute, enabling precise beam splitting. Non-polarizing beamsplitter coating: This coating has a

Aug 08, 2025

Optical Splitter ULTIMODE SP-16B (PLC, 1:16, SC)

The optical splitter ULTIMODE SP-16B evenly splits the optical signal (beam) into 16 paths. The splitter is characterized by stable performance over the entire working band (1260-1650 nm). Its standard

Apr 06, 2026

Optical Beamsplitters | Beamsplitter Selection | Edmund

Find top-quality Beamsplitters for laser systems & more. Shop a variety of beamsplitters at Edmund Optics for precision light splitting needs. [Click Here!](#)

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Non-Polarizing Beamsplitters

Non-Polarizing Beamsplitters ideal for interferometry, life science instrumentation, or laser beam manipulation systems are available at Edmund Optics.

May 01, 2026

Optical Beamsplitters » Artifex Engineering

In addition, there are three different types of beam splitter polarization functions. These are called “unpolarized beamsplitters”, “non-polarizing beamsplitters” and

Jul 22, 2025

Optical Balanced PLC Splitter 1x16 without connector

Optical splitter 1x16 without connector are used to do the optical signal division in sixteen optical fibers at a PON distribution network.

Oct 29, 2025

Optical Beamsplitters

Thorlabs offers a wide range of optical beamsplitters. Our plate beamsplitters have a coated front surface that determines the beam splitting ratio while the back

Jul 20, 2025

Beamsplitters

Beam splitters separate a beam of light by wavelength, power, or polarization into two orthogonal beams. The properties of the divided beams depend both on the

Jul 02, 2025

Optical Splitters: Split Ratios, Splitting Architectures & PON Network ...

Learn about optical splitter split ratios (1:N, 2:N), centralized vs. cascaded architectures, and how to choose the right setup for FTTH PON networks.

Nov 28, 2025

1x16 Blockless Fiber Optic Splitter

This 1x16 mini type PLC fiber optic splitter has a steel tube package that can provide strong optical fiber protection. And the splitter ends terminated with sc apc connectors, so there is not fiber splice during

Feb 09, 2026

Precision Beamsplitters & Quad-Channel Imaging

A beam splitter (or beamsplitter) is an optical component used to split incident light into two separate beams, typically based on wavelength or polarity. This precise

Oct 29, 2025

Beam Splitter

A beam splitter is defined as an optical device that effects a linear transformation of fields presented at two input ports, producing output beams that are related to the input fields in a characteristic manner

Jan 31, 2026

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

Aug 17, 2025

Optical Beamsplitters | Beamsplitter Selection | Edmund

Dichroic Beamsplitters, which split light by wavelength, are often used as laser beam combiners or as broadband hot or cold mirrors. Non-Polarizing Beamsplitters,

Dec 23, 2025

beamsplitters selection guide

Large beam size, multi mirror optical set up with small power light source and supports high power laser light splitting. Polarization at 45 degree (AOI) or circle polarization light with no power loss detected.

May 19, 2026

Beam splitter

Beam splitter Schematic illustration of a beam splitter cube. 1 - Incident light 2 - 50% transmitted light 3 - 50% reflected light In practice, the reflective layer absorbs

Jun 28, 2025

Beamsplitters

Beam Splitter Gratings Multiple beamsplitters, also known as array illuminators, are gratings with sophisticated periodic structure that are capable of transforming an incident plane wave into a set of

Mar 17, 2026

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1x16 PLC Fiber Splitter, Steel Tube, Bare Fiber 250um,

1×16 PLC Fiber Splitter, Steel Tube, Bare Fiber 250um, No Connector Bare fiber plc splitter 1×16 PLC Fiber Optic Splitter Steel Tube Fiber optic splitters

Aug 29, 2025

Beam Splitter Cubes

Standard Beam Splitter Cubes Beam splitter cubes consist of two assembled right-angled prisms. They can be easily integrated into the beam path. In contrast to

Jun 29, 2025

QIP Conference Website | Accepted Papers

List of Accepted Contributed Talks (in order of submission) All graph state verification protocols are composable secure Léo Colisson (CWI/QuSoft, Amsterdam); Damian Markham (CNRS); Raja Yehia

Jun 07, 2026

How to Select a Beamsplitter

High Energy Continuously Variable Beamsplitters In addition to plate and cube beamsplitters, CVI Laser Optics also offers an integrated beamsplitter product that allows continuously variable attenuation of

Feb 20, 2026

Fundamental properties of beam-splitters in classical and quantum optics

Chapter 5, section 1, describes the properties of beam-splitters and their application in quantum-optical experiments. Quantized radiation states and photons are the subject of chapter 4, section 6.

Aug 17, 2025

Quantum physics and the beam splitter mystery

ABSTRACT Optical lossless beam splitters are frequently encountered in fundamental physics experiments regarding the nature of light, including “which-way” determination of light particles, N.

Apr 19, 2026

PLC Splitter 1×16 Steel Tube

The AOA single-mode Planar Lightwave Circuit Splitter (PLCS) is developed based on unique silica glass waveguide process with reliable precision aligned fiber

Contact Us

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