

1 2 beam splitter square port



Overview

This fiber-coupled Beam Splitter 1 → 2 is a compact opto-mechanical unit that splits a fiber-coupled source into 2 output fiber cables with a fixed splitting ratio and a high efficiency. The input port is fiber-coupled to a PM fiber cable. Beamsplitters are also ideal for fluorescence applications, optical interferometry, or life science or semiconductor instrumentation. Circular beamsplitters, plate beamsplitters and cube beamsplitters can be purchased for polarizing or non polarizing beamsplitting. Thorlabs' Single Mode Fiber-Based Polarization Beam Combiners (PBC) or Splitters are designed to either combine two orthogonal polarizations into a single fiber or split a single input into its orthogonal linear polarizations through two fiber outputs. Download Datasheet Request Quote Download Datasheet Request Quote Download Datasheet Request Quote Download Datasheet Request Quote Download Datasheet Request Quote Download Datasheet Request Quote.



Article Content

Apr 05, 2026

Polarization Beam Combiner / Splitter

Port 1 Port 3 2x2 Polarization Beam Combiner / Splitter Port 2 Port 4 ORDERING CODES ... Opto-Link Corporation Ltd. reserves the right to make changes to the products described herein without notice.

Feb 16, 2026

Beam Splitters: Explained

A diffractive beam splitter is used with monochromatic light (such as a laser beam) and is designed for a specific wavelength and angle of separation

Apr 30, 2026

OptoSigma

A beam splitter or beamsplitter is an optical component that is used for splitting an incident light beam in two directions. Beamsplitters are used to separate the light

Apr 23, 2026

Fiber-Based Polarization Beam Combiners/Splitters, 1

Fiber-Based Polarization Beam Combiners/Splitters, 1 SM and 2 PM Ports Combine or Split Orthogonal Polarizations 780, 980, 1064, and 1550 nm Operating

Sep 10, 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

Oct 05, 2025

Broadband Polarizing Cube Beamsplitters

Broadband polarizing cube beamsplitters provide efficient polarization for use with multiple or tunable sources. Each polarizer consists of a pair of precision right

Mar 26, 2026

2000nm Polarization Beam Combiner/Splitter

2000nm Polarization Beam Combiner/Splitter The 2000nm Polarization Beam Combiner/Splitter can be used either as a polarization beam combiner to combine light beams from two PM input fibers into a

Dec 24, 2025

Beam Splitters

Beam splitter cubes can be used for simple light beams, and also for beams carrying images, e.g. in various types of cameras and projectors. Cube beam splitters cannot tolerate high optical powers as

Sep 24, 2025

Fiber-Based Polarization Beam Combiners/Splitters, 1

Thorlabs' Single Mode Fiber-Based Polarization Beam Combiners (PBC) or Splitters are designed to either combine two orthogonal polarizations into a single fiber or

Aug 04, 2025

Beam Splitters

These thin beam splitters can be inserted into an optical light path without beam shift or chromatic dispersion for any light transmission application. Chrome plate half

Jun 07, 2026

Cube Beamsplitters

These cube beamsplitters consist of a pair of precision right-angle prisms carefully cemented together to minimize wavefront distortion.

Jun 08, 2026

Broadband Non-Polarizing Cube Beamsplitters | Cube

Support: (877)835-9620 Mon.-Fri. 5am - 5pm PST Contact Us Investors Return Policy Careers Check Order Status Visa/MasterCard Accepted

Mar 04, 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

Dec 02, 2025

Beam Splitter 1 → 2, 48-MCS-002

This fiber-coupled Beam Splitter 1 → 2 is a compact opto-mechanical unit that splits a fiber-coupled source into 2 output fiber cables with a fixed splitting ratio and a

Sep 01, 2025

Beam Splitters

101 Beam Splitters from 9 manufacturers listed on GoPhotonics. Search by specification. Selected filters - Country : global, Beamsplitter Shape : Square, Page-1

Oct 11, 2025

Beam Splitters

Beam Splitter from MOXTEK, Inc Description: Wire-Grid Polarizing Beamsplitter Plate
Beamsplitter Type: Wire Grid Beamsplitters Beamsplitter Shape: Circular, Square
Beamsplitter Thickness: 1.6 mm

Aug 08, 2025

OZ Optics Online. Beam Splitters

Beam Splitters Features: • Rugged compact design • Broad wavelength range • Low insertion loss • High extinction ratio • Low return losses • Low Polarization

Dec 12, 2025

Optical Beamsplitters | Beamsplitter Selection | Edmund

Non-Polarizing Beamsplitters, ideal for laser beam manipulation, split light by overall intensity. Polarizing Beamsplitters, often used in photonics instrumentation, split

Jun 25, 2026

Beamsplitters

Our expert technical staff will guide you through the many options we offer, ranging from custom split ratios, unique materials, and custom coatings to unusually large

Aug 22, 2025

An Efficient Two-Port Electron Beam Splitter via Quantum

An Efficient Two-Port Electron Beam Splitter via Quantum Interaction-Free
Measurement Yujia Yang,¹ Chung-Soo Kim,¹ Richard G. Hobbs,¹ Pieter Kruit,² Karl K.
Berggren^{1*} ¹Research Laboratory of

Feb 10, 2026

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

Apr 03, 2026

Beam Splitter Selection Guide

These beamsplitters are made from high grade glass materials with laser grade surface flatness and surface quality and have a tighter tolerance on the splitting ratio.

Apr 10, 2026

Design and construction of a multi-port beamsplitter based on ...

"It is possible to construct a tunable multi-port beam splitter for higher dimensional quantum communications with the use of heterogeneous fiber-optic structures capable of generating spatial

Nov 15, 2025

OptoSigma

Beamsplitters are used to separate the light by a ratio of power between transmitted and reflected beams but can also be used to separate polarization states or

Contact Us

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