ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Where can I usually buy a beam splitter offline



Overview

Beam Splitters – Buyer's Guide & Supplier List | RP This buyer's guide for beam splitters provides technical background, comparison of major types, selecti.

Key Takeaways

Professional optics suppliers and industrial distributors are the best offline sources for purchasing high-quality beam splitters.Recommended Offline Suppliers
• Thorlabs – Thorlabs has physical stores and regional offices worldwide where you can purchase a wide variety of beam splitters, including cube, plate, and polarizing types. They offer UV, IR, and visible wavelength options, suitable for laser systems, microscopy, and interferometry applications .

• Edmund Optics – With multiple global locations, Edmund Optics provides high-quality optical components, including cube and plate beam splitters. Their offline stores allow hands-on evaluation and consultation with technical staff to ensure the correct selection for your application .

• ZYGO and DAHENG OPTICS – These industrial manufacturers specialize in custom and large-format beam splitters for research, aerospace, and defense applications. They often have regional offices or distributors where you can purchase components offline and receive technical support .

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• Local Scientific Equipment Distributors – Many cities have specialized optics or photonics distributors that carry beam splitters for laboratory and industrial use. Visiting these stores allows you to inspect the product physically and discuss specifications with experts.
Tips for Selecting a Beam Splitter Offline
• Determine the type: Cube beam splitters are stable and easy to mount, while plate or pellicle types may be preferred for minimal beam displacement or ultrafast pulse applications .

• Check wavelength compatibility: Ensure the material and coatings match your light source (visible, UV, IR, or laser).

• Consider splitting ratio: Common ratios are 50/50, 70/30, or 80/20 depending on your application.

• Evaluate polarization sensitivity: Decide between polarizing and non-polarizing types based on your optical setup.

• Inspect build quality: High-quality glass with anti-reflective coatings ensures minimal distortion and durability . Visiting professional optics suppliers or industrial distributors offline provides the advantage of technical consultation, immediate inspection, and reliable sourcing, which is especially important for high-precision applications.

Article Content

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Optical Beamsplitters | Beamsplitter Selection | Edmund Optics

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Optical Beamsplitter

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A beamsplitter is an optical component used to split a beam of incident light into two parts in a laser or illumination system. Cube

Shop Beam Splitters & Passive Optical Splitters

Explore our collection of optical cable splitters and PON splitters for sale. Optical beam splitters are used to split the fiber optic light

Beam splitter, Beamsplitter

Find your beam splitter easily amongst the 62 products from the leading brands (DAHENG OPTICS, COHERENT, EDMUND, ...) on

Beam Splitter Manufacturers

What is a Beam Splitter? A beam splitter or power splitter is an optical device that can split an incident light beam e.g. a laser beam

Beam splitter, Beamsplitter

The Beam Splitter gives you a flexible option for using dual light sources or spectrometers. The small size

Penta Prism Beamsplitters

Can wedge prisms be used for beam stearing? I would like to split light from a circularly polarized laser

Beam Splitters – optical power splitter, beamsplitter, thin-film ...

What are Beam Splitters? A beam splitter (or beamsplitter, power splitter) is an optical device which can split an incident light beam

Beamsplitters

A beamsplitter (beam splitter) is a precision optical component used to divide a beam of light into two paths—or work in reverse as a

Beam Splitters | Polarizing | Dichroic | LightMachinery

Beam splitters take on many forms; cubes, plates, hexagons, pentagons, polarizing, non -polarizing (usually somewhere in between),

Beam Splitter Selection Guide

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

What are Beamsplitters?

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Beamsplitter Construction | Types of Beamsplitters Beamsplitters are optical components used to split incident light at a designated

Beamsplitters

Precision Optical offers a wide selection of both standard and custom beam splitters of the

Beamsplitters Selection Guide For Optical Applications | Optometrics

This beamsplitter guide highlights the functionality, form factor, role and key considerations when selecting

Covering the Basics of Beamsplitters — Firebird Optics

What are Beamsplitters? Beamsplitters (also known as beam splitters or power splitters) are

HOLO/OR Diffractive Beamsplitters

HOLO/OR Diffractive Beamsplitters are diffractive optical elements (DOE) that split an input laser beam into several beams, known

Beamsplitter

Andover Corporation manufactures precision beamsplitters (standard, polarizing, non-polarizing, dichroic, cube, plate) for various

Plate and Laser Beamsplitters | Edmund Optics

Plate Beamsplitters designed for imaging, industrial, or life science applications are available at Edmund Optics. Explore our

Beam Splitter Cube, Optical Glass Dichroic Prism Ratio 50:50

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Optical Beamsplitters: Cube and Plate

An optical beamsplitter is an optical component used to split a beam of light in two or more separate beams by intensity, wavelength

Optical Beamsplitters | Beamsplitter Selection | Edmund Optics

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

High-Quality Beam Splitters for Lasers & Research | PhotonExport

Premium Beam Splitters for Advanced Optical Solutions Explore a diverse range of high-quality beam splitters at PhotonExport,

The Buyer''s Guide to Beam Splitters | Blue Ridge Optics

Matching the beam splitter''s specifications to the characteristics of the light source ensures optimal performance. This

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Beamsplitters

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

Photonics 101

Usually, a non-polarizing beam splitter will split the beam on a 50/50 ratio while a polarizing beam splitter tends to

Prism Lens PL1460

Beam Splitter Penta prism is a five-sided prism can be used as Beam-splitter that splits one laser beam to two beams. The splitted

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Beam Splitters – optical power splitter, beamsplitter, thin

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Plate and Laser Beamsplitters | Edmund Optics

Edmund Optics offers a wide variety of Beamsplitters, including Plate Beamsplitters designed for Ultraviolet (UV), Visible, or Infrared

Beamsplitters

Here at Solid Photon Inc, we have combined our expertise in the manufacture of quality optics with our many optical coatings to

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