

What are some brands of box-type beam splitters



Article Overview

Popular brands of cube-type beam splitters include Thorlabs, Newport, Edmund Optics, ORAFOL Fresnel Optics, and Zygo.

Cube or box-type beam splitters, also known as cube beam splitters, consist of two right-angle prisms bonded together and are widely used in laser systems, interferometers, and photonics instrumentation . They are available in polarizing and non-polarizing versions, with coatings optimized for UV, visible, or infrared wavelengths .

Notable Brands and Manufacturers

- Thorlabs – Offers a wide range of cube beam splitters with various substrates such as UV fused silica, IR fused silica, calcium fluoride, and zinc selenide, covering wavelengths from 250 nm to 14 μm .
- Newport Thin Film Laboratory – Specializes in precision thin-film cube beam splitters for scientific and industrial applications .
- Edmund Optics – Provides standard, polarizing, non-polarizing, and dichroic cube beam splitters with anti-reflection coatings for UV, visible, and IR ranges .
- ORAFOL Fresnel Optics GmbH – Known for high-quality optical components, including cube-type beam splitters .
- Zygo, Avantes, DAHENG OPTICS – Offer cube beam splitters for laboratory and industrial photonics applications .

Key Considerations

Article Content

Beam Splitter Selection Guide

Circular beamsplitters, plate beamsplitters and cube beamsplitters can be purchased for polarizing or non polarizing beamsplitting

Beam Splitters

A Beam Splitter is an optical device that splits a beam of light into two or more beams. Beam Splitters from the leading

beamsplitters selection guide

Beamsplitters Selection Guide Beamsplitters selection Guide A beamsplitter is an optic that splits light into 2 directions. The split ratio

Exploring Beam Splitters: Types and Applications

Explore different types of beam splitters and their applications. Learn how beam splitters work and find the right one for your needs.

Beam Splitters: Types, Applications, and Selection

Beam splitters are an essential component in modern optics. They play a critical role in

Beam Splitters - Buyer's Guide & Supplier List | RP Photonics

This buyer's guide for beam splitters provides technical background, comparison of major types, selection criteria, and an overview of

All You Need to Know About Beam Splitters

Explore the types, workings, and uses of beam splitters in high-tech devices.

Optical Beam Splitters: Examination of Designs and Applications in ...

Explore the essential role of optical beam splitters in various fields, including telecommunications, laser systems, and medical

Beam Splitters and Combiners — FindLight

On FindLight, Beam Splitters and Combiners span a range of geometries and fiber types, including fused fiber couplers, planar

An Introduction to beam splitter

A beam splitter is an optical element that splits incident light into two beams of the same wavelength or two beams of different

Thorlabs · Beamsplitter Guide

For beamsplitters that separate beams by wavelength, see our selection of dichroic mirror / beamsplitters

Optical Beam Splitter Guide: Cube, Plate & Polarizing Types

Beam splitter technologies can be categorized according to their construction and optical behavior, including cube beamsplitters,

Understanding Beamsplitters: Types, Principles, and Applications

This article explores the fundamental principles and diverse applications of beamsplitters, detailing their different types

What are Beamsplitters?

Optical components that create two beams by splitting incident light are beamsplitters. Read more about the different types of

Thorlabs · Optical Beamsplitters

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

What Are Optical Beam Splitters?

What Are Optical Beam Splitters? Key Takeaways Beam splitters, essential for applications such as teleprompters and holograms,

Beamsplitters

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

Beam Splitter Manufacturers

A Beam Splitter is an optical device that splits a beam of light into two or more beams. The leading manufacturers of Beam Splitters

What is a Beam Splitter: Types And Applications

A beam splitter is a device used to separate or combine light. It is widely used in guiding

Beam splitter, Beamsplitter

Find your beam splitter easily amongst the 61 products from the leading brands (DAHENG OPTICS, COHERENT, EDMUND, ...) on

42 Beamsplitter Manufacturers in 2026

Applications of Beamsplitters Principle of Beamsplitters Types of Beamsplitters Other Information on Beamsplitters A beamsplitter can separate two beams by reflecting some of the light through a dielectric multilayer film. There are two types of beamsplitters: cube-type and plate-type, and the principle differ depending on the shape. See more on us.metoree RP Photonics

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

Beam splitters are devices for splitting a laser beam into two or more beams. There are different types, including polarizing and non

Beam Splitters: Explained

The diffractive beam splitter allows the creation of any type of spot arrays (1D, 2D, or irregular) while maintaining high

Beamsplitters | Suppliers | Photonics Buyers' Guide | Photonics

A simple beamsplitter may be a very thin sheet of glass inserted in the beam at an angle to divert a portion of the beam in a different

Beam Splitters

Conclusion Beam splitters are versatile optical components integral to modern technology. Understanding their types, properties, and

Beam Splitters: Types and Applications

Beam splitters find their application in a diverse array of fields, from teleprompters to robotics, impacting various technologies we rely

The Ultimate Guide to Choosing the Best Beam Splitters for Your

We specialize in the design, R& D, and production of optical components, including top-notch beam splitters tailored to

What are the types of splitters? How to choose a splitter?

Optical splitters can be divided into box-type optical splitters, tray-type optical splitters, rack-mounted optical splitters,

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

Contact Us

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