Manufacturer selling photoelectric beam splitters

Overview

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

Key Takeaways

Several leading manufacturers provide photoelectric beam splitters, including Thorlabs, Newport, Edmund Optics, MOXTEK, and FOCtek Photonics, offering both cube and plate types for various optical applications.

Key Manufacturers and Suppliers

Thorlabs Inc. – Offers UV fused silica polarizing beam splitter cubes and plate beam splitters covering a wide wavelength range, suitable for microscopy, laser systems, and interferometry. Newport / MKS – Provides P-polarized beam splitters and thin-film coated devices for precise optical splitting in research and industrial setups. Edmund Optics – Supplies plate beam splitters with various splitting ratios (e.g., 40R/60T) and sizes for imaging, laser, and photonics applications.

MOXTE

K, Inc. – Specializes in wire-grid polarizing beam splitter plates for high-performance optical systems.

FO

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Ctek Photonics Inc. – Manufactures precision optical components including thin-film pellicles, beam combiners, and custom beamsplitters for OEM and laboratory use. Ross Optical Industries, Union Optic Inc., Phosctech Photonics Ltd., Roithner Lasertechnik, Clear Beam Corp, Omega Optical, OptoSigma Corporation, Dayoptics, Inc. – Offer a variety of plate and cube beam splitters for specialized applications.

Types and Applications

Cube Beam Splitters – Formed by two right-angle prisms, ideal for compact systems, minimal beam displacement, and rugged mounting. Plate Beam Splitters – Thin glass with dielectric or metallic coatings, often used in fluorescence microscopy, interferometry, and laser systems. Polarizing vs.

Non-

Polarizing – Polarizing splitters separate light into orthogonal polarization components, while non-polarizing splitters divide light without altering polarization.

How to Procure

Many manufacturers allow direct inquiries and quote requests through their websites or distributor networks. Datasheets and technical specifications are typically available for download, enabling comparison of wavelength range, splitting ratio, and optical quality. Custom fabrication is offered by companies like ZYGO and Lambda Research Optics for specialized research or industrial requirements.

For a comprehensive list of suppliers, platforms like GoPhotonics, RP Photonics, DirectIndustry, and Photonics Marketplace provide searchable catalogs of over 150 manufacturers and distributors, allowing filtering by type, wavelength, and application.

Article Content

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 suppliers.

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 are listed below. Narrow down on the list of companies based on

Beam Splitters

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Beam Splitters from the leading manufacturers are listed below. Use the filters to narrow down on products based on your requirement. Download datasheets and request quotes for products that you

Thorlabs · 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

Optical Beamsplitters | Beamsplitter Selection | Edmund

Edmund Optics offers plate, cube, pellicle, polka dot, or specialty prism Beamsplitters in a variety of anti-reflection coatings or substrates. Standard

Precision Beam Splitter Manufacturer | Custom Cube & Plate Beam ...

JH OPTO specializes in custom high-precision beam splitters, including cube, plate, and polarizing types. We use N-BK7, Fused Silica, and IR crystals with customizable splitting ratios (e.g., 50/50,

Beamsplitters | Suppliers | Photonics Buyers'' Guide | Photonics

Manufacturer of thin-film pellicles for use as beamsplitters, beam combiners, attenuators, filters, and optical windows. Standard items, uncoated and coated, are available from inventory; special frames,

Beam splitter, Beamsplitter

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

Beam Splitters

Bte Born offers customized dielectric beamsplitters for targeted separation of light into reflected and transmitted components. Get beamsplitters with custom splitting ratios for optimal performance.

Beamsplitters

Precision Optical offers a wide selection of both standard and custom beam splitters of the following varieties: Cube, periscope, and penta prism

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-polarizing versions.

Beamsplitters

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Dichroic Polarizer: Avantier specializes in manufacturing high-quality dichroic plate beamsplitters using a unique design and proprietary manufacturing approach. These beam splitters have steep edges, flat

Beam Splitters

When working with lasers, it is often necessary to split a laser beam into two or more defined partial beams. There are a variety of beam splitters for these applications, with different advantages and

Optical beam splitter, Optical beamsplitter

Find your optical beam splitter easily amongst the 41 products from the leading brands (COHERENT, EDMUND, MKS NEWPORT, ...) on DirectIndustry, the

Beam Splitters: Explained

Beam splitters are a fundamental element in optical systems. Beam splitters are, in essence, optical components used to divide a single light source (usually a laser) into two separate

Beamplitters Made by Edmund Optics for OEM

Wide Variety of Beamsplitter Types Including Polarizing, Non-Polarizing, and Laser Line Customized Solutions for Prototype to Volume Production Design and

Laser Beamsplitters

Laser beamsplitters are ideal for separating a single laser beam into to separate beams. Learn more about our laser beamsplitters technologies at Edmund Optics.

Optical Beamsplitter

A beamsplitter is an optical component used to split a beam of incident light into two parts in a laser or illumination system. Cube beamsplitters consist of a pair of precision right-angle prisms carefully

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