# New beam splitter for sale at a price



## Overview

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

## Key Takeaways

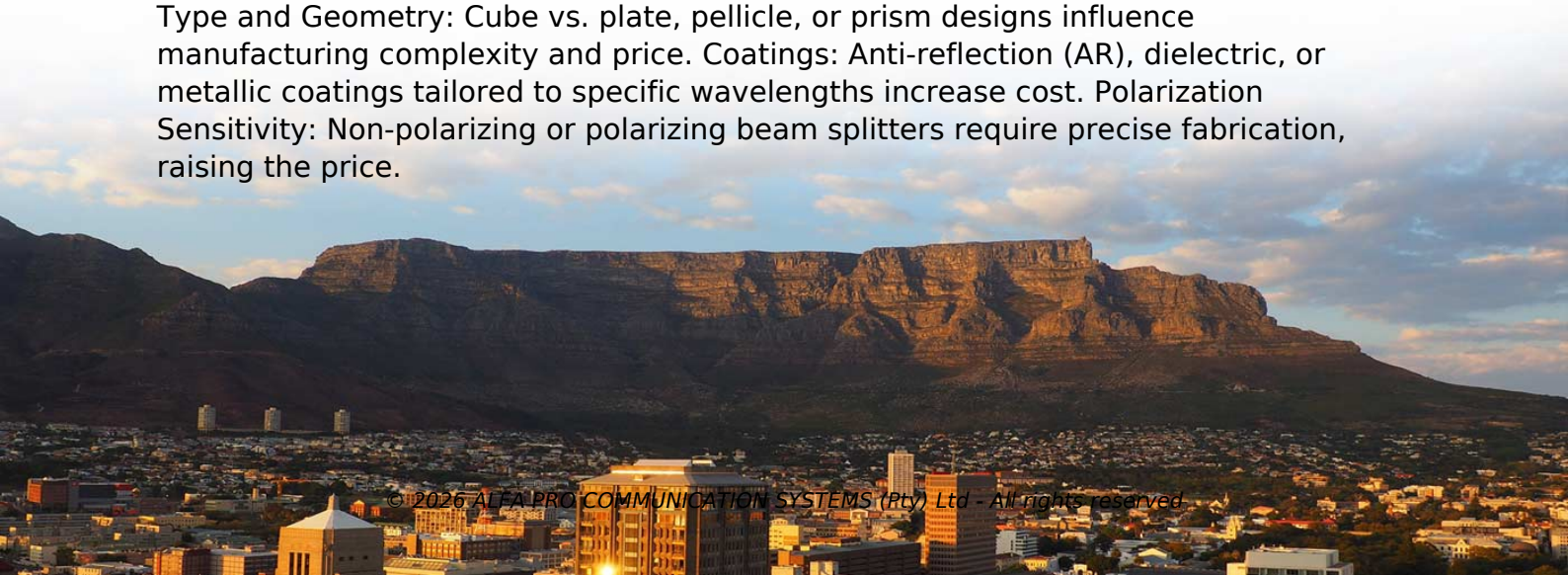
A brand new beam splitter typically costs between $20 and $1,000 or more, depending on type, material, and precision.

### Price Range Overview

Standard plate or cube beam splitters for general optical use can start around $20–$50 for small, low-precision units suitable for basic lab setups or educational purposes (Edmund Optics, DigiKey). High-precision or non-polarizing beam splitters with tight splitting ratio tolerances, AR coatings, or custom dimensions often range from $100 to $500. Specialty or high-power beam splitters, such as dichroic, polarizing, or ZnSe-coated units for laser systems, can exceed $1,000, particularly when designed for UV, IR, or high-intensity applications.

### Factors Affecting Cost

Type and Geometry: Cube vs. plate, pellicle, or prism designs influence manufacturing complexity and price. Coatings: Anti-reflection (AR), dielectric, or metallic coatings tailored to specific wavelengths increase cost. Polarization Sensitivity: Non-polarizing or polarizing beam splitters require precise fabrication, raising the price.



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Size and Aperture: Larger optical surfaces or custom dimensions are more expensive. Power Handling: High-power laser applications require optically contacted cubes or specialized dielectric plates, which are costlier. Supplier and Warranty: Commercial suppliers like Edmund Optics, Andover Corporation, and DigiKey offer varying pricing based on quality, warranty, and shipping options.

### Summary

For a basic lab-grade beam splitter, expect to pay $20–$50, while precision or high-power units can range from $100 to over $1,000. Selecting the right beam splitter depends on your application requirements, including wavelength, polarization, and power handling. Always check supplier specifications to ensure compatibility with your optical setup.

## Article Content

Optical Beamsplitters | Beamsplitter Selection | Edmund

Light can be split by percentage of overall intensity, wavelength, or polarization state. Edmund Optics offers plate, cube, pellicle, polka dot, or specialty prism

Beam splitter, Beamsplitter

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Beam Splitters – Buyer''s Guide & Supplier List | RP

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

Thorlabs · Optical Beamsplitters

The pellicle and cube beamsplitters can be purchased premounted in cubes that are compatible with our lens tube and cage systems. Dichroic beamsplitters exhibit

Buy In Bulk Beam Splitter Price High-Precision Optical Quality ...

Discover beam splitters with competitive pricing, ideal for optical and fiber-optic applications. Explore AR-coated glass and ZnSe options, 50% reflectivity, 3-year warranty.

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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Beam splitter-AliExpress

This article explains what a beam splitter is, how it functions in optical systems, and how to select the right type based on wavelength, material, and application, with examples and troubleshooting tips.

Beamsplitter

Beamsplitters operate by splitting light based on reflection/transmission (R/T) ratios or specific properties like polarization or wavelength. Available in cube and plate configurations, these versatile

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Beam splitter-AliExpress

A beam splitter is a device that divides a single beam of light into two or more beams, typically by using a partially reflective surface. The choice of beam splitter depends on the specific use case, such as

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

Cube Beamsplitters

Cube Beamsplitters are used to split incident light into two separate components. Cube Beamsplitters are durable, easy to mount Beamsplitters that feature equal

Beam Splitters

Find here Beam Splitters, Beamsplitter manufacturers, suppliers & exporters in India. Get contact details & address of companies manufacturing

Plate Beamsplitter

Our standard beamsplitters are designed to provide general purpose laser beamsplitting and combining for visible through near infrared applications.

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BILT HARD 35-Ton Horizontal/Vertical Gas Powered Hydraulic Full Beam Log Splitter with 301cc OHV Engine, 2" Ball Coupler, 16" DOT Tires, 2 Stage Gear

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.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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