What to use with a beam splitter

Find the right beam splitters for your next project. Explore various beam splitter types, properties, and applications

Learn how beamsplitters divide light using partial reflection and transmission, and explore their essential roles in modern optical systems.

While both mirror and cube beam splitters can be used for simple light beams, they can also split beams carrying an image, which makes beam splitters a powerful tool for microscopy.

Learn how to effectively use a beamsplitter cube. Explore applications, setup tips, and enhanced light manipulation.

For example, beam splitters are required for various interferometers, autocorrelators, photo cameras, projectors and laser systems. The wide range of applications implies widely varying requirements, ...

Learn how beam splitters divide light into separate paths, the main types available, and where they"re used in optics and scientific instruments.

To reduce loss of light due to absorption by the reflective coating, so-called "Swiss-cheese" beam-splitter mirrors have been used. Originally, these were sheets of highly polished metal perforated with ...

Options range from laser beam combiners designed for specific laser wavelengths to broadband hot and cold mirrors for splitting visible and infrared light. This type of beamsplitter is commonly used in ...

Beam splitter coatings are applied to optical surfaces to enhance light reflection, transmission, and polarization. These coatings minimize light loss through the glass, improving ...

The most basic function of a beam splitter is to divide an incoming light beam into two or more beams with specific intensity ratios. This allows for the creation of multiple light paths, which is ...

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