

# High-performance beam splitters

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Beamsplitters are optical components used to split input light into two separate parts. Beamsplitters are common components in laser or illumination systems. Beamsplitters are also ideal for fluorescence ...

This document describes how Keysight's family of high performance beamsplitters offers industry-leading polarization and beam control with low wavefront distortion.

In this work, a phase engineering strategy based on multilayer metasurfaces is presented to tailor the split ratios of beam splitters with high efficiency.

Conversely, it can function in reverse as a beam combiner, merging two light beams into a single one. With applications spanning across various sectors such as interferometry, laser systems, ...

Our expert technical staff will guide you through the many options we offer, ranging from custom split ratios, unique materials, and custom coatings to unusually large or small dimensions.

Beam splitters are used for separation of one wavelength into two beams with different or same energy. This can be done by beam splitter cubes or for highest power densities with dielectric coated beam ...

Excelitas offers a wide array of beamsplitters in plate, cube and custom multi-port configurations. Utilizing our proprietary adhesive-free Activated Covalent Bonding (ACB) technology, we produce ...

Blue Ridge Optics' High Power Beam Splitters are expertly designed to meet the demands of advanced laser systems and optical instrumentation. Constructed from high-grade fused silica, these splitters ...

ZYGO high precision beam splitters are custom made for critical applications including commercial space, medical, research, semiconductor, & photonics.

Web: <https://www.prospettivacasa.eu>

