12-beam splitter optical elements

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 surface is wedged and AR coated in ...

HOLO/OR Diffractive Beamsplitters are available with designs for Nd:YAG harmonics (355nm, 532nm, and 1064nm) as well as CO2 lasers.

DOEs are added to laser systems to control the incident beam"s phase and amplitude and to "shape" the beam to a desired output pattern with distinctive functionality.

What are Beam Splitters? A beam splitter (or beamsplitter, power splitter) is an optical device which can split an incident light beam (e.g. a laser beam) into two (or sometimes more) beams, which may or ...

A beam splitter or beamsplitter is an optical component that is used for splitting an incident light beam in two directions. Beamsplitters are used to separate the light by a ratio of power between transmitted ...

A Diffractive Beam Splitter splits the incident laser beam into a 1-dimensional or 2-dimensional array of beams. Typically diffractive beam splitters are used in combination with a focusing lens.

Learn about the vertically integrated capabilities for material growth, fabrication, coating, and assembly, and rigorous QA at Coherent. Discover how these ensure the performance and reliability of our ...

Diffractive optical elements (DOEs) have been designed for use with lasers and high-power lasers. Used as multi-spot beam splitters, beam shapes and beam profile modification, these components ...

Our beam splitters are made from high grade glass material with laser grade surface flatness & surface quality for tighter tolerance on the splitting ratio.

Beam Splitters Features: o Rugged compact design o Broad wavelength range o Low insertion loss o High extinction ratio o Low return losses o Low Polarization Dependent Loss (PDL) o Low Wavelength ...

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