

Coupled-type beam splitter

Description: 1550nm Polarization Beam Splitter, 0.5W power, P grade, PM fiber at port 3, and slow axis aligned to port 1, with 0.9mm OD loose tube, 1.0m fiber length, and FC/APC connectors at all ports.

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 ...

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This design is extremely flexible, allowing one to use different fiber types on different ports, and different beam splitter optics inside. Custom designs combining circulators, polarizing spitters and non ...

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 ...

In this work, we propose a novel structure for a polarization beam splitter in Si photonics technology. The structure is based on the coupling between two waveguides with different depths.

Beam splitters are devices for splitting a laser beam into two or more beams. There are different types, including polarizing and non-polarizing versions.

The basis of the theory of coupled waveguides (or coupled-mode theory) appeared a relatively long ago 17, but such waveguides have been used as a beam splitter in experiments and ...

These fiber-coupled Beam Splitters are compact opto-mechanical units that split a fiber-coupled source into two output fiber cables with high efficiency.

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