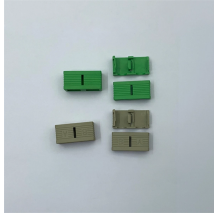


Collimator Coupling



Collimator Coupling



As well as coupling and collimating your optical fiber, it also enables you to enlarge or reduce your input beam, creating perfect input conditions for all subsequent beam shaping optics.



Coupling of light into single mode fibres can be made simple with the use of a PowerPhotonic fiber coupling micro lens array. We design and manufacture standard and custom optics in 1D and 2D ...



Fiber-optic collimators are used to launch the light from an optical fiber into a free space collimated beam with specified beam diameter or spot size. They can also be used in reverse to focus light into ...



Schäfter+Kirchhoff offers different series of Fiber Couplers (Fiber Ports) for coupling into single-mode or polarization-maintaining fiber cables and Fiber Collimators for producing a collimated beam (low ...



Our Polaris ® Kinematic Collimators offer high-quality collimation paired with long-term alignment stability. The Fiber Launch Platforms are ideal for coupling a free space laser into a single mode, ...



These fiber collimation packages are pre-aligned to collimate light from an SMA connectorized fiber with diffraction-limited performance. Because these fiber collimators have no movable parts, they are ...



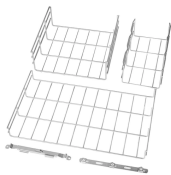
How measured fiber parameters help to choose the best coupling and collimation optics.



The propagation characteristics and coupling mechanisms of the collimators are introduced. A beam-steering technology based on a wedge prism and flat glass is proposed to improve the ...



The distance between the aspheric lens and the tip of the FC-terminated fiber can be adjusted to compensate for focal length changes or to recollimate the beam at the wavelength and distance of ...



Thorlabs' compact, ultrastable FiberPort micropositioners provide an easy-to-use platform for coupling light into and out of optical fibers.

Contact Us

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