

Fiber Optic Collimator Dimensions



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Larger beam diameters yield lower divergence, enabling longer working distances. Practical fiber collimators are therefore optimized for a specific working distance and diffraction-limited beam size, ...



Fiber-optic collimators are available for different collimated beam sizes, which simply means different values of the focal length. Naturally, devices for larger collimated beams need to be both longer and ...



LightPath® Fiber Optic Collimators are designed to collimate light exiting a fiber to a desired beam diameter or spot size or to focus light into a fiber when used in reverse.



These collimators can be glued into a 2D array with high precision and all light channels are thus parallel. The type of fiber, the operating wavelength, the working distance and other parameters ...



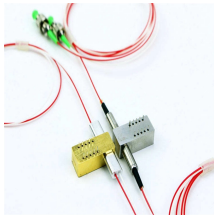
The space between the fiber edge and the diffractive lens is filled with a transparent polymer, making the whole assembly essentially a monolithic single piece component. No mechanical housing is required, ...



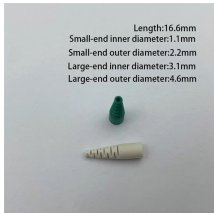
OZ Optics offers a complete line of fiber collimators and focusers with low backreflection, designed to collimate or focus light exiting a fiber to a desired beam diameter or spot size. By utilizing diffraction ...



Insertion loss is measured through a fiber collimator pair. Please specify the operating wavelength, working distance, housing type (package dimensions), fiber length, connector type, etc. in the orders.



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 a fiber.



Each FiberPort includes an achromatic doublet or aspheric lens with an effective focal length ranging from 2.0 mm to 18.4 mm. They are available with FC/PC, FC/APC, or SMA fiber bulkheads.



These solutions are manufactured at the production facility in Olching and are currently available with six focal lengths, three housing assemblies, and various coatings. Emphasis is primarily placed on ...

Contact Us

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