Fiber Optic Collimator Armor

Edmund Optics offers fiber-optic collimators for FC/PC, FC/APC and SMA connectors and different wavelength ranges around 350 nm to 1600 nm. Fiber optic collimators can be used in pairs to couple ...

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.

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

Idealphotonics" fiber collimators are pre-aligned and used to collimate the light emitted from FC/APC-connected fibers with diffraction-limited performance. These fiber collimators have no moving parts ...

We have the capability to design and manufacture custom collimators to the specs of your choice. Beam diameter, working distance, fiber type, and wavelength can all be customized to fit your individual ...

They allow for easy access to the optical beam and are ideal for fiber-to-fiber applications that incorporate multiple components and require the utmost in stability.

With over 20 years of industry leadership, we leverage proprietary technologies -- including unique fiber-end lensing, precision V-groove assembly, and custom-built metrology instruments -- to ...

LightPath® Fiber Optic Collimators are designed so that they can be used in pairs to couple the input and output light of optical devices. Optimum performance for long-term use is ensured by the factory ...

This article explains what fiber optic collimators are, the different types available, typical applications, design parameters to watch, and guidelines for choosing the right collimator for your ...

For a higher maximum theoretical coupling efficiency, we recommend using FiberPorts with our AR-coated single mode, multimode, or polarization-maintaining fiber optic patch cables for coupling and ...

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