

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 ...

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, ...

The present invention is directed generally to fiber optic communications systems, and more particularly to techniques to compensate for multiple wavelengths and working distances in...

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 ...

Our fiber collimators are pre-aligned and used to collimate the light emitted from FC/APC connector fibers, and have diffraction-limited performance. These fiber collimators have no moving parts and ...

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 ...

A fiber collimator is an optical device used to transform the diverging light from an optical fiber into a free-space collimated beam. It consists of a lens that holds the fiber end at its focal point, often within ...

Featuring the remarkable mechanical properties of our Polaris[®] mounts, these collimators address all of the common causes of beam misalignment while permitting user-friendly pitch and yaw adjustment.

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 ...

To couple light both into and out of an optical fiber, it is essential to have a collimated light beam. With the help of an optical collimator, the divergence of the light beam can be significantly reduced. To ...

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