Fiber Optic Collimator Patent

Embodiments of the present invention are directed to a compact and stable fiber optic collimator that takes light from one or more optical fibers and generates one or more beams of collimated...

Accurate alignment of the connectorized optical-fiber collimator in fiber-to-fiber and fiber-free-space couplings is achieved through mechanical registration of the planar reference surface and ...

Embodiments of the present invention are directed to a compact and stable fiber optic collimator that takes light from one or more optical fibers and generates one or more beams of collimated light at an ...

Currently, most of in-line fiber optic components are designed and manufactured based on optical collimators which provide low-loss light transmission from the input fiber to the output fiber through ...

A fiber optic collimator comprises an optical fiber with an angled end face, a ferrule and a plano-convex lens. An end portion of the optical fiber is inserted in the ferrule.

The present invention relates to an optical fiber collimator in which a lens and an optical fiber are combined in order to collimate light emitted from an optical fiber into parallel light ...

The present invention is directed to a fiber collimator and more specifically to a fiber collimator for use in an optical transmission system and/or an optical sensor system.

A method and apparatus of aligning a collimator assembly requiring only a single-axis adjustment and for which the collimator may be paired with any other similarly aligned collimator.

In accordance with an aspect of the present invention, a fiber optic collimator comprises a Shuttle plug including a cavity for receiving an optical fiber having an optical fiber tip to emit a light through the ...

US-6512868-B1 chemical patent summary. Please enable Javascript in order to use PubChem website.

Fiber Optic Collimator Patent

Web: https://www.busydoniemiecwaldii.pl