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## Press Release



### For Easy Laser Beam Guidance

## Focusable Collimators for Coupling Light out of the Fiber

The greatest challenge when working with optical fibers is to efficiently couple the light into and out of the fiber; it is absolutely necessary to collimate the laser beam during output coupling. To make this process as simple as possible, LASER COMPONENTS has developed focusable fiber optic collimators, which are manufactured in Germany.

Available in two diameters (11.5 mm and 19 mm), these collimators are suited for the following fibers: step-index fibers with a numerical aperture of NA=0.22, single-mode fibers, CO<sub>2</sub> fibers with a core diameter of 750 µm or 1000 µm. These collimators consist of lens systems that are coated for different wavelength ranges. Choose any of the standard wavelengths 350-700 nm, 650-1050 nm, 1050-1060 nm, or 10.6 µm.

Furthermore, the focal length of the system can also be selected. All collimators can be equipped for different connector systems.

### More Information

<http://www.lasercomponents.com/de-en/product/fiber-collimator/>

### Trade Shows

OFC 2015, Mar, 24-26, 2015, Los Angeles Convention Center, Los Angeles, **Booth 2424**  
DSS 2015, Apr 21-23, Baltimore Convention Center, Baltimore, MD, **Booth 1125**  
Sensor+Test 2015, May, 19 - 21, 2015, Messe Nürnberg, Germany, **Booth 12.117**  
Anga Com 2015, Jun, 09 - 11, 2015, Messe Köln, Germany, **Booth 10.2J35**  
LASER. World of Photonics 2015, Jun, 22 - 25, 2015, Messe München, Germany, **Booth B3.303**

### The Company

LASER COMPONENTS specializes in the development, manufacture, and sale of components and services in the laser and optoelectronics industry. At LASER COMPONENTS, we have been serving customers since 1982 with sales branches in five different countries. We have been producing in house since 1986 with production facilities in Germany, Canada, and the United States. In-house production makes up approximately half of our sales revenue. A family-run business, we have more than 170 employees worldwide.