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Press Release

The Way to Guide Your Laser Beam into the Fiber

Inexpensive Fiber Coupler Available for Quartz Fibers

LASER COMPONENTS presents a new product made inhouse: Easy to mount fiber couplers for laser systems, facilitating the coupling of light from free-beam lasers easily into a quartz fiber.

Using a mounting flange, the coupler is directly attached to the laser. It is possible to couple laser beams with a diameter of up to 10 mm into fibers with core diameters ranging from 100 µm to 2000 µm.

Only a fine adjustment is necessary to use the whole system: Using adjustment screws, it is possible to adjust the optics on the inside of the coupler along the x-axis and the y-axis or to tilt them. In addition, adjusting the optics along the z-axis is done via a knurled wheel.

The fiber coupler is suitable for the wavelength range from 400 nm to 1300 nm. The optics on the inside can be equipped with different AR coatings: 400 nm to 700 nm, 633 nm to 1064 nm, or 800 nm to 1300 nm.

More Information

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

Trade Shows

enova - OPTO, Oct., 08.-10., 2013, Paris Porte de Versailles, France, **Booth L9**
PHOTONEX 2013, Oct., 16.-17., 2013, Ricoh Arena, Coventry, UK, **Booth D20**
BiOS EXPO 2014, Feb., 01.-02., 2014, The Moscone Center, San Francisco, USA, **Booth 8517**
Photonics West 2014, Feb., 04.-06., 2014, The Moscone Center, San Francisco, USA, **Booth 517**

The Company

LASER COMPONENTS is specialized in the development, manufacture, and sale of components and services for the laser and opto-electronics industries. With sales offices in four different countries, the company has served its customers since 1982. In-house production at six locations in Germany, Canada, and the USA began in 1986 and is meanwhile responsible for about half of its turnover. Currently, the family-run business employs more than 150 people worldwide.

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