

Press Release

New Options

Optical Fiber Assemblies from LASER COMPONENTS

In Germany, LASER COMPONENTS assembles custom-made optical fibers and cables. The production has been expanded, new options are available.

A new fiber cleaver makes automatic cleaves possible that are reproducible. The angle to the optical axis of the fiber can be adjusted between 0° and 15°. Both the quality of the connectors and their polishing have been improved: New techniques and tools for assembly have brought on technological advancement. In the eccentricity of the fiber core to the outer diameter, we can now achieve values of < 10 µm. These values are checked with a digital measurement microscope. The polishing is also checked for scratches and impurities. Saving the measurement data helps in the precise traceability of all fiber assemblies.

LASER COMPONENTS' specialty are assembled fiber arrays with customer-specific round or rectangular connectors. They are used, for example, as cross-section converters. Single-layer or multi-layer line arrays with up to 50 fibers are converted into a round fiber bundle.

Legend

Production site in Germany.

More Information

<http://www.lasercomponents.com/de-en/fiber-optics/assembled-fibers/>

Trade Shows

BiOS 2013, Feb, 2-3, 2013, Moscone Center, San Francisco, USA, **Booth 8517**
Photonics West 2013, Feb, 5-7, 2013, Moscone Center, San Francisco, USA, **Booth 517**
Defense, Security + Sensing, 29.04. - 03.05.2013, Baltimore Convention Center, USA, **Booth 1237**
LASER. World of Photonics, 13.-16.05.2013, Neue Messe München, Germany

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 140 people worldwide.