

5<sup>th</sup> Feb.

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## Press Release

### New Generation Delivers More Power

#### Fiber-Coupled High Power Laser Diodes at 635 nm

At LASER COMPONENTS the new generation of fiber-coupled high power laser diodes has arrived. These laser diodes emit at 635 nm and deliver an optical output power of 1.6 W to 2.5 W from the fiber. The optimum is achieved through the unique alignment of the 200 µm fiber which is additionally equipped with a SMA connector.

A very good coupling efficiency, long-term stability and a homogeneous beam profile are the highlights of these powerful laser diodes. They are mounted in metal housings that are optional available with an additional thermoelectric cooler or thermistor.

The laser are used in medical technology, material processing, illumination, or pump laser applications.

#### More Information

<http://www.lasercomponents.com/de-en/product/fiber-coupled-high-power-laser-diodes/>

#### Caption

Fiber-Coupled High Power Laser Diodes at 635 nm

#### Trade Shows

**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, **Booth B1.442**

#### 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.

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