

Higher Exit Power by Combining Several Multimode Lasers Pump Combiner for Fiber Lasers and Fiber Amplifiers

LASER COMPONENTS has extended its product range with fiber optic pump combiners by Lightel. With these passive components, pump signals of up to 36 laser sources can be bundled to achieve higher exit powers in high-energy fiber lasers.

This special air-clad technology from Lightel allows power input coupling with efficiencies of 90% or higher. Depending on the application, these combiners can be delivered with various fiber types and combinations, as well as polarization-maintaining configurations.

This technology is not only used in fiber lasers but also in erbium-doped fiber amplifiers (EDFA).

More Information

www.lasercomponents.com/de-en/product/pump-combiners-for-laser-applications/

Trade Shows

Photonex Coventry, October 11 - 12, 2017, Ricoh Arena, Coventry, Great Britain, **Booth D15**
PIE Photonics West, January 30 - February 01, 2018, San Francisco, USA, **Booth 1931**
Breko Glasfasermesse, March 13 - 14, 2018, Messe Frankfurt, Germany
analytica, April 10 - 13, 2018, Messe München, Germany
The Vision Show, April 10 - 12, 2018, Boston, USA
SPIE Defense & Commercial Sensing, April 17 - 19, 2018, Orlando, USA, **Booth 1029**
SPIE PHOTONICS Europe, 24. - 25. April, 2018, Strasbourg, Frankreich
LaSys, June 05 - 07, 2018, Messe Stuttgart, Germany
ANGACOM, June 12 - 14, 2018, Messe Köln, Germany
automatica, June 19 - 22, 2018, Messe München, Germany
Sensor+Test, June 26 - 28, 2018, Messe Nürnberg, Germany
Sensors Expo & Conference, June 27 - 28, 2018, San Jose, USA, **Booth 225**
Vision, November 06 - 08, 2018, Messe Stuttgart, Germany
electronica, November 13 - 16, 2018, Messe München, Germany

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 200 employees worldwide.