

26th Nov.

2013



Press Release

New IR Emitters

LASER COMPONENTS Makes Diamonds Glow

LASER COMPONENTS introduces a new generation of diamond-like pulsable infrared emitters. The DLSxxxX2224 series has replaced its predecessors, 17-900 and 22-1000.

Significant improvements include tighter process control, a longer life expectancy, and a broader hot spot. In particular at wavelengths above 4.5 μm the signal increased by approximately 30%.

The diagram shows a sample measurement of the modulation depth in relation to the pulse frequency. This was measured using an IG26X250S4i type extended InGaAs photodiode.

More Information

<http://www.lasercomponents.com/de-en/product/ir-emitters/>

Trade Shows

BiOS 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**
analytica 2014, Apr., 01. - 04., 2014, Neue Messe München, **Booth A2.400A**
Optatec 2014, May, 20. - 22., 2014, Messe Frankfurt
Defense, Security & Sensing 2014, Apr., 30. - May, 02., 2014, Baltimore, USA, **Booth 1030**
Sensor + Test 2014, Jun., 03. - 05.2014, Messe Nürnberg, **Booth 12.117**

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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