

515 nm, Power Levels up to 10 mW

cw Laser Diodes for Leveling Instruments and Distance Measurement Devices

Laser diodes in the red spectral range have been used to date in laser distance measurement devices that are based on the phase shift principle. These laser diodes are operated with a very high modulation bandwidth, which is why DPSS lasers in the green spectral range are not suitable even if the human eye can see green light far better than red light.

LASER COMPONENTS now offers the new PLT5 510 - a 515 nm laser diode manufactured by Osram Opto Semiconductors: it is an inexpensive 10mW laser diode that can be used for distance measurement.

The PLT5 510 comes in a user-friendly TO-56 housing with an integrated monitor photodiode and allows stable operation up to 60°C. This operating temperature is also suited for laser leveling instruments that can operate both indoors and outdoors under direct sunlight.

More Information

<http://www.lasercomponents.com/de-en/product/cw-laser-diodes-green/>

Trade Shows

BiOS 2016, Feb, 13-14, 2016, Moscone Center, San Francisco, USA, **Booth 8939**
Photonics West 2016, Feb, 16 - 18, Moscone Center, San Francisco, USA, **Booth 2023**
DCS 2016, Apr, 19 - 21, 2016, Baltimore Convention Center, USA, **Booth 542**
analytica, May, 10-13, 2016, Messe München, Germany **Stand A2.500**
Sensor + Test, 10. - 12. Mai 2016, Messe Nürnberg, Germany, **Halle 1, Stand 256**

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.