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30 YEARS LASER COMPONENTS

Press Release

The Die Has Been Cast

P-CUBE Photodiode Modules for Application on an Optical Bench

Precise measurement technology in a compact measurement setup: this describes the new P-CUBEs made by LASER COMPONENTS.

Low-noise, sensitive PIN photodiodes are housed in cubes. The CUBEs have an edge length of only 40 mm. To integrate them into optomechanical setups, the CUBEs can be attached to a rod system.

The following versions are available: GaP photodiode (190-570 nm), Si photodiode (200-1050 nm), InGaAs PIN photodiode (800-2200 nm). The photocurrent is obtained using a BNC connector. The P-CUBE is also available with an optical FC connector.

iAMP-700. The programmable iAMP-700 current amplifier is directly connected to the P-CUBE with a BNC connector. It is possible to achieve amplifications of 10^2-10^{11} V/A with the iAMP-700.

P-CUBE & iAMP – A Strong Combination. By combining the P-CUBE and iAMP-700, the smallest amount of light can be detected reliably. The iAMP's EMC housing allows application in close proximity to the source. The P-CUBEs require a bias voltage between -10 V and +10 V. This can be obtained directly from the iAMP.

More Information

http://www.lasercomponents.com/de-en/product/high-sensitivity-pin-detector-modules/

Trade Shows

electronica 2012, Nov, 13-17, 2012, Munich International Trade Fairs, Germany, **Booth A2.306**
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**
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.

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