

Integrated package for laser diodes



Overview

Laser Diode Modules (LD Modules) provide a fully integrated laser solution, combining a laser diode, lensing, thermal management, and electrical interface within a compact, user-friendly housing. Whether it is diodes for extremely high reliability applications such as LiDAR pumping or high-power pump modules for industrial and security applications, or customized laser diodes for scientific applications, TRUMPF Photonics is your OEM design and manufacturing partner of choice. With a long history as a packaging company, ALTER has the advantage of in-house capabilities for laser diode assembly and. Thorlabs' production facilities are capable of manufacturing laser diode controllers in high volumes, and we pass the savings associated with planned production on to our customers. To learn more, please contact our OEM team. Choose single emitters, bars, stacks, or fiber-coupled modules. Our OEM laser diodes integrated with laser diode current and TEC driver electronics.

Integrated package for laser diodes



CEO's diode engineers are highly experienced in custom designs for specialized pumping and direct diode applications. We can match your specifications to our standard products or design the ...



IPG diode laser modules and racks take our industry-leading diode performance to the next level of integration. These lasers combine highly reliable IPG single emitter diodes with delivery fibers for ...



OIP released a fanout PIC package with integrated edge emitting laser diode chips. This package uses the 3rd generation fanout technology on a panel level, allowing high-speed ...



Laser Diode Modules (LD Modules) provide a fully integrated laser solution, combining a laser diode, lensing, thermal management, and electrical interface within a compact, user-friendly housing.



ALTER's laser diode modules: Custom configurations, in-house assembly/testing, and precision solutions for diverse Photonics applications.



Get reliable, vertical and horizontal diode laser stacks and two-dimensional arrays, with power into the multi-kW range, for pumping, directed energy, hair removal, and materials processing.



This device's laser package contains a 905 nm pulsed laser diode (CVD 46) and a 650 nm laser diode mounted side by side on a common platform, with "+" (common positive electrode) connected to the ...



From our vertically integrated laser diode manufacturing location in New Jersey, USA, we supply the pump diodes for all TRUMPF Group lasers including TruDisk, TruFiber and TruMicro lasers, and to ...



Our highly integrated drivers include soft start and brownout protection features that prevent fast, unexpected current transients from being sent to the laser diode.

Contact Us

For more information, pricing, or custom energy solutions, please contact us:

Website: <https://www.gdroofing.co.za>

Email: sales@gdroofing.co.za

Phone: +27 72 418 9365

Address: 22 Electron Avenue, Isando, Johannesburg, 1600, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

