

Laser-packaged diode array



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The MCC package allows stacking of several high power laser diodes in an array using gold/tin solder, and the sub-assembly is then cooled using water cooling channels, as shown below.



Serving North America, RPMC Lasers offers a large selection of multimode laser diode bars (arrays), delivering up to 2400 W in CW & QCW output, with ...



Our Laser Diode Arrays deliver unmatched power and versatility, with scalable output levels up to 2400W and options for CW and QCW operation, making them ideal for high-demand applications in ...



Thorlabs' laser diodes are available in a wide variety of packages: TO can sizes from Ø3.8 mm to Ø9.5 mm, fiber-pigtailed TO cans, butterfly, extended butterfly, C-mount, D-mount, high heat load (HHL), ...



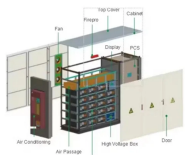
We offer you a full line of conductively cooled, water cooled or microchannel cooled laser diodes and stacks. Choose from our wide range of standard product offerings including our new Golden Bullet ...



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



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.



Packaged single-emitter diodes with high power and excellent reliability. Ideal for fiber amplifiers, laser pumping, material processing, and solid-state laser pumping applications. Customize your ...



Figure 8. Typical intensity profile of the individual emitters (fast axis collimation plus slow axis imaging) within a soldered laser bar (left) and a clamped laser bar (right).



Serving North America, RPMC Lasers offers a large selection of multimode laser diode bars (arrays), delivering up to 2400 W in CW & QCW output, with unmounted or cooled packages for thermal ...



A laser diode stack, also called laser diode array, comprises a number of laser diode bars, wherein each laser bar has a number of emitters generating laser beams.



Compact and powerful laser diode array modules featuring a T6 building block design with integrated cooling and electrical manifold. These modules deliver up to 1 megawatt of output power, ideal for ...

Contact Us

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