

Customized Red Laser Diode Brand



Article Overview

LDX Optronics, RPMC Lasers, and Ushio are leading brands offering custom-made red laser diodes with tailored wavelengths, power, and packaging options.

Leading Custom Red Laser Diode Suppliers

LDX Optronics specializes in fully customizable laser diodes across visible (445–750 nm), near-IR, and SWIR ranges. They offer precise wavelength tuning, scalable power from 100 mW to over 16 W, and a variety of packages including C-mount, B-mount, TO-3, and fiber-coupled formats. Custom options include fast-axis collimation, micro-lens assemblies, hermetic sealing, and ruggedized designs for harsh environments, making them suitable for industrial, medical, and research applications (LDX Optronics) . RPMC Lasers provides cost-effective custom laser diode solutions, often in collaboration with manufacturers like Jenoptik. They can design laser diode bars for specific wavelengths, optimize cavity length and emitter design, and deliver hermetically sealed packages with integrated TEC, photodiodes, or lensing. RPMC has experience in high-power, high-efficiency diodes for medical, industrial, and scientific applications, including pulsed and CW modules (RPMC Lasers) . Ushio Inc. offers high-performance red laser diodes with wavelengths from 630 to 705 nm. Their products include high-power multi-mode and single-mode diodes for applications in medical therapy, AR/VR, quantum technology, and automotive systems. Ushio emphasizes reliability, beam quality, and efficiency, with options for pulsed or continuous operation, making them suitable for both commercial and research-grade applications (Ushio) .

Considerations for Custom Red Laser Diodes...

Article Content

Red laser | Product | Laser | Ushio Inc.

Ushio offers a lineup of red laser diodes with the world's highest level of performance and reliability based

About Us

BrandNew Tech excels in engineering customized diode laser solutions tailored to your exact wavelengths,

RPMC Lasers Home | Pulsed, CW, diode lasers, standard, custom

The largest laser distributor in North America with over 100 years of combined experience helping users find reliable standard or

US-Lasers

US-Lasers, Inc., high quality red laser diode modules for OEM and R&D applications. Virtually NO lead

Red Laser Diodes

In addition to the 650-660nm band for DVDs, high visibility 635nm wavelength types are also available. The wide

Diode Lasers | Suppliers | Photonics Buyers' Guide | Photonics Marketplace

A diode laser is a type of laser that uses a semiconductor diode as the active medium to generate coherent light. Semiconductor

All the Top Laser Diode Brands & Wavelengths (SHOP

LASER DIODE SOURCE , Wavelengths 370nm to 15,000nm, Shop ALL THE LEADING LASER DIODE BRANDS, Selection

Line Laser Diode

Description You have some frickin' sharks at your lair, and you're thinking "it would be really great if I could attach some lasers to

Laser Diode Selection Guide (ALL MANUFACTURERS)

We try to help our community of laser scientists & engineers find the best products for their projects by hosting a free Open-Index

Red Laser Diodes (630nm to 690nm) | ProPhotonix

High quality Red Laser Diodes. 635nm, 660nm, 670nm, 690nm with power levels up to 2200mW. Click today for more information.

Best laser engravers of 2026 | Tested for speed

I reviewed the best laser engraving machines for precision, speed, and performance in the home, studio, or

Red Laser Diodes

ROHM's red laser diodes are optimized for sensor applications such as barcode readers, ranging equipment, marking

Red Lasers | 620-749nm pulsed, CW & diode lasers

Reliable & Market-Leading Red Laser Solutions One of N. America's largest red diode laser suppliers:

Brightest FDA Legal & Eye Safe Red Laser Pointers

Red Laser Pointers Brightest 635nm Red Laser Diodes Innovation | Unique Design | Functionality Our red laser pointers emit the

Laser Diodes for Professional Laser Systems | Opt Lasers

Browse laser diodes with different wavelengths, power levels and parameters for industrial, scientific, OEM

48 Laser Diode Manufacturers in 2026

This section provides an overview for laser diodes as well as their applications and principles. Also, please take a look at the list of

Red laser | Product | Laser | Ushio Inc.

Ushio's red laser diodes are available in a wide range of wavelength from 630 nm to 690 nm and optical output from 5 mW to 4.2 W.

Laser Diodes | Components to Systems | UV-LWIR | Shop | RPMC

Our vast selection of laser diodes includes both free-space & fiber-coupled outputs, like high-power Fiber-Coupled Multimode, high

Custom Laser Diodes | Cost-effective Custom Diode

With nearly 30 years of experience providing the right laser at the best price, RPMC has the partnerships &

Configurable Red Laser Diode Modules

25 years of experience in laser diode technology allows us to deliver high-quality laser diode modules to meet specific requirements.

Laser Diode Manufacturers

A Laser Diode is a type of semiconductor device that produces coherent light through the process of stimulated emission. The

Laser Company for Industrial Laser Solutions | LASERLINE

The leading laser company for integrated & customized diode laser manufacturing solutions for various industries & applications.

Red Lasers – Power Technology, Inc.

Let The Laser Experts handle the heavy lifting. Our typical red wavelengths are 633nm, 635nm, 639nm, 650nm, 655nm, 658nm,

Products | Intenseco

Intense delivers high-level customization tailored to meet your exact needs. In addition, we provide turnkey

Red Laser Diode Modules Online | World Star Tech

World Star Tech's Red Laser Diode Modules are available from 635nm to 690nm, in various power level and package sizes. LQB,

Red Lasers – Buyer's Guide & Supplier List | RP Photonics

This buyer's guide for red lasers provides technical background, comparison of major types, selection criteria, and an overview of

RPMC Lasers Home | Pulsed, CW, diode lasers,

The largest laser distributor in North America with over 100 years of combined experience helping users

Contact Us

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