

How and where to get laser diodes



Article Overview

You can purchase laser diodes from specialized distributors, electronics suppliers, and online marketplaces offering a wide range of wavelengths, power outputs, and package types.

Specialized Distributors

- RPMC Lasers, Inc. – Offers a broad selection of laser diodes, modules, and custom solutions for industrial, medical, military, and scientific applications. They provide both standard and high-power diodes, fiber-coupled options, and technical support for integration and selection (RPMC Lasers), .
- ProPhotonix – Supplies laser diodes in red, green, blue, violet, and infrared, with a focus on high-quality components and technical guidance for applications like medical devices, robotics, and industrial systems (ProPhotonix), .
- Laser Diode Source – Offers over 10,000 laser diodes and modules, including tunable and high-power options, with direct access to engineers for technical support (Laser Diode Source), .

Electronics Distributors

- Mouser Electronics – Authorized distributor for brands like ams OSRAM, ROHM, and KYOCERA AVX, providing a large selection of laser diodes with detailed specifications and datasheets (Mouser), .
- DigiKey – Offers over 1,200 laser diode products, including modules and single emitters, with in-stock availability and same-day shipping (DigiKey),

Article Content

Plug and Play Laser Diode Modules

Explore a full range of plug-and-play configurable laser modules. Commercial and industrial applications.

All the Top Laser Diode Brands & Wavelengths (SHOP

Laser diodes are semiconductor devices which convert an injected electrical power into an output of concentrated light at a specific

Laser Diodes by Wavelength

Laser diodes, which are capable of converting electrical current into light, are available from Thorlabs with center wavelengths in the

Laser Diodes - Mouser

Laser diodes are available at Mouser Electronics from industry leading manufacturers. Mouser is an authorized distributor for many

Laser Diode Characteristics, Precautions for Use and Drive Circuit ...

Laser diodes (LD) are semiconductor devices that convert electrical energy into high-power optical energy. These

Laserland Supplier of Laser Diode, Laser Diode Modules, Laser Lens ...

Laserland is a supplier and manufacturer of laser diode modules, laser modules, laser diodes, laser pointer, laser safety glasses,

Diode Lasers | Suppliers | Photonics Buyers' Guide | Photonics

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

Laser diode

Laser diodes form a subset of the larger classification of semiconductor p - n junction diodes. Forward

Laser Diode Drivers

Laser diode drivers supply electronic current to laser diodes, with different requirements based on application and power level.

Amazon : Laser Diodes

Amazon : laser diodes DermRays Diode Laser Hair Removal for Men and Women, V8S for Skin Tone 1-5, Permanent Reduction

Laser Diodes by Wavelength

Our semiconductor laser diodes come in a variety of packages, including standard Ø5.6 mm and Ø9 mm

Laser Diodes: Definition, Types, and Applications

A laser diode is a semiconductor device that emits coherent light via stimulated emission, which is more complex and

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

Eblana Photonics | Laser Diodes for Sensing, Metrology and

Laser diodes built on world class technology & expertise for over two decades Based in Dublin, Ireland, our wide product range of

Laser Diodes

Laser diodes for demanding and precision applications. Cutting edge laser diodes for sensors, biomedical and industrial applications

Laser Diodes | McMaster-Carr

Choose from our selection of laser diodes, including over 60 products in a wide range of styles and sizes. Same and Next Day Delivery.

Laser Diode: The Ultimate Beginner's Guide

This is the ultimate beginner's guide to the laser diode. Learn how lasers work and how you can use them in your own

Laser Diodes

Our laser diodes are in stock and ready to ship, wavelengths from 375 nm to 1064 nm and output powers from 5 mW to 50 W. As an

How to Build a Laser Diode Circuit

In this article, we will show how to connect and build a simple laser diode circuit to get light output from a laser diode.

Best Laser Cutters and Engravers 2026: Diode, CO2

You can get one of the best low-power laser cutters for as little as \$220. Low-wattage lasers are cheaper

Laser Diodes, Modules | Optoelectronics | DigiKey

Shop DigiKey's large in-stock selection of Laser Diodes, Modules. View inventory, pricing and order now for same day shipping!

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

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

What are Laser Diodes? | TechWeb

A laser diode (semiconductor laser) is an electronic component that generates laser light by converting electric current

High Power Laser Diodes

Explore our vast range of Laser Diodes offering a wide range of wavelengths, power outputs and color. Discover our extensive range

Laser Diodes and Pump Modules

Discover the industry-leading reliability and performance of TRUMPF's laser diode pump modules. We offer a flexible portfolio of high

Laser Diode Modules

Diode lasers are the most common type of laser and are used in multiple applications due to their small footprint and low cost. We

Laser Diodes | IR & High Power Laser Diode | RS AU

Laser Diodes Laser diodes are semiconductor devices which closely resemble an LED (light emitting diode). Unlike standard LEDs,

Your solution for laser diodes and photonics systems

AeroDIODE offers photonics solutions: precision & short pulse laser diode drivers, fiber modulators,

Contact Us

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