

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

- o 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), .
- o 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), .
- o 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

- o 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), .
- o DigiKey - Offers over 1,200 laser diode products, including modules and single emitters, with in-stock availability and same-day shipping (DigiKey), .

Online Marketplaces

- o eBay - Provides both new and pre-owned laser diodes, including high-power arrays and modules from brands like Nichia and Panasonic (eBay), .
- o Amazon - Offers small-scale laser diodes and modules suitable for DIY electronics, Arduino projects, and hobbyist applications (Amazon), .

Other Options

- o Lasertree - Supplies laser diodes with wavelengths from 375 nm to 2000 nm and output powers from 1.5 mW to 3 W, including high-power green and blue diodes (Lasertree), .
- o McMaster-Carr - Offers laser diodes for alignment, positioning, and industrial applications, including red and green dot and line lasers (McMaster-Carr), . When selecting a supplier, consider wavelength, power output, package type, and whether you need technical support or custom solutions. Specialized distributors like RPMC and ProPhotonix are ideal for high-power or custom applications, while Mouser, DigiKey, and Amazon are convenient for standard components and smaller quantities.

Where to find laser diodes

This allows users to compare laser diodes from all manufacturers and find their best options.

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

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

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

Find the right laser diode with just a few clicks. Just select your specifications in the search mask and you get an instant overview of

Laser Diodes World Star Tech carries one of the largest selections of high-precision laser diodes from OSRAM, USHIO, and II-VI,

Laser Diode Modules Diode lasers are the most common type of laser and are used in multiple applications due to their small

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

An Introduction to Laser Diodes Learn about the laser diode, including package types, applications, drive circuitry, and

Laser diodes find uses in a variety of areas, including broadcast communications, healthcare devices, standard identity

I finally collected all 120 presents in Wobbly Life ?But instead of just a reward, a wizard

Our semiconductor laser diodes come in a variety of packages, including standard 5.6 mm and 9 mm

One of the ways we help our community of laser scientists and engineers find the best products for their projects is by hosting a free

There will be two diodes. Find the diode on the disk burning side. The one on the disk reading side is

Where to find laser diodes

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

Our eBook, "Understanding Frequency in Laser Marking," can help you determine the appropriate

Web: <https://www.kremgroup.co.za>

