

Manufacturer of Laser Diodes with Lenses



AI Overview

Top companies for laser diodes with lenses include ams-OSRAM, Lumentum, Frankfurt Laser Company, ProPhotonix, and Excelitas Technologies, all offering high-quality modules and optical integration options.

Leading Suppliers

- ams-OSRAM AG – A global leader in photonics, offering edge-emitting and VCSEL laser diodes with integrated optics for applications like 3D sensing, LiDAR, automotive lighting, and medical imaging. They provide high-power multi-junction diodes suitable for advanced driver-assistance systems (ADAS) and other precision applications .
- Lumentum Operations LLC – Specializes in diode lasers, VCSEL arrays, and tunable lasers with integrated optical components. Their products are widely used in telecom, 3D sensing, and autonomous vehicle sensors, offering high-performance modules with excellent beam quality .
- Frankfurt Laser Company – Offers FP, DFB, and DBR laser diodes, laser diode arrays, VCSELs, and superluminescent modules. They provide both free-space and fiber-coupled modules with integrated lenses, suitable for industrial, medical, and defense applications .
- ProPhotonix – Manufactures laser diode modules with integrated optics for machine vision, alignment, and medical equipment. Their modules are optimized for stability, precision, and long-term reliability .
- Excelitas Technologies – Provides photonic solutions including laser diodes with optical integration for biomedical, industrial, and security applications. They offer custom modules and turnkey solutions tailored to specific requirements

Article Content

Dec 29, 2025

Industrial Diode Laser Manufacturer | LASERLINE

Diode lasers with a blue wavelength are also used for processing non-ferrous metals. Coupled with the provision of know-how,

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Lasers | Coherent

Industry leading Coherent Lasers bring technical innovation and deliver better results and

Jul 10, 2026

ProPhotonix: OEM LED Lights and Laser Modules

ProPhotonix is a OEM LED lights and laser diode modules manufacturer of machine vision lighting and a

Dec 09, 2025

Laser Diode Manufacturers

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

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Laser Diode Manufacturers & Suppliers | ProPhotonix

High quality laser diode manufacturers including brands like Osram, Ushio, QSI and Ondax. Click to

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Laser Diode Market: Top 10 Companies & Key Players

Laser diode market leaders ranked: the top 10 companies powering telecom, healthcare, and defense innovation, with

Jan 11, 2026

Laser Diodes | Opto Electronics | ROHM Semiconductor

Semiconductor lasers are opto devices often referred to as laser diodes or LDs. ROHM is the industry's largest producer of laser diodes.

Jan 18, 2026

Global Leader in Materials, Networking, and Lasers

EVENTS Lasers & Photonics Taiwan August 19 - 22, 2026 1F, Taipei Nangang Exhibition Center

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OSI Optoelectronics | OSI Optoelectronics

With over 50 years of heritage, UDT is the largest manufacturer of standard and custom photodiodes and optical sensors in the

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Laser Diode Modules | Suppliers

Explore 124 top manufacturers and suppliers of Laser Diode Modules in our comprehensive photonics buyers' guide. A laser diode

Feb 22, 2026

Ushio laser diodes & LEDs, OSRAM laser diodes, Panasonic lens,

We specialise in laser diode modules and collimators at lasing wavelengths ranging from 520nm to 852nm and output

Jul 15, 2026

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

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High-Precision Laser Technology | Jenoptik

Whether it be our high-power diode lasers, F-theta objective lenses and beam expanders, laser range

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Laser Diodes, Modules | Optoelectronics | DigiKey

Laser Diodes, Modules Laser Diodes and Modules are semiconductor devices that can emit a beam of high intensity focused

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Laser Diodes

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

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48 Laser Diode Manufacturers in 2026

48 Laser Diode Manufacturers in 2026 This section provides an overview for laser diodes as well as their applications and principles.

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Laser Diodes - Buyer's Guide & Supplier List | RP Photonics

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

May 19, 2026

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

Learn more about diode lasers → Clear All Filters x Diode Lasers x AKELA Laser Corporation - Jamesburg, NJ High-power laser

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High Power Lasers Diodes (10W ~ 1kW)

HIGH POWER LASER DIODE PRICE GUIDE » LIST OF ALL HIGH POWER LASER DIODE

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Laser Diodes - semiconductor, gain, index guiding, high power

Laser diodes are semiconductor lasers with a current-carrying p-n junction as the gain medium. They are the most important type of

Jul 11, 2026

Diode Laser Lens Assemblies

Diode Laser Lenses for collimators, CD & DVD players, laser pointers, laser levels, laser surface inspection systems and positioning

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Semiconductor Laser Fab, Quantum Dot Lasers | Innolume

Innolume is a semiconductor laser fab for GaAs quantum dot and quantum well diode lasers, serving

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LASER COMPONENTS Group

State-of-the-art PRODUCTION FACILITIES We manufacture our components for the photonics industry at various locations in

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Laser Diodes and Pump Modules

Whether it is diodes for extremely high reliability applications such as LiDAR pumping or high-power pump modules for industrial and

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Laser Heads for CNC Engraving * Laser Systems, Drivers, Modules, Diodes

European manufacturer of laser systems, modules, and electronics. Laser solutions for science and industry. E-shop: laser

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