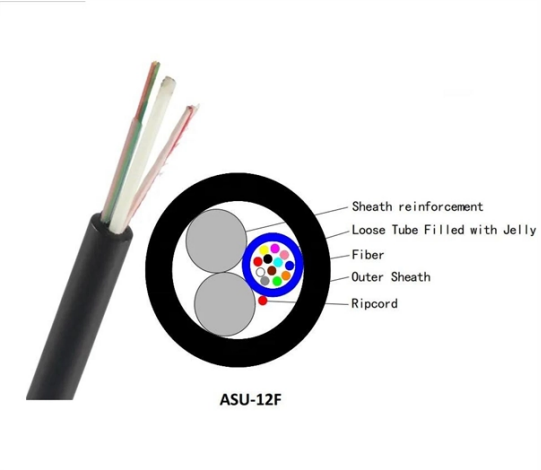
Industrial-grade laser diode sales



Overview

In 2025, global sales of industrial diode lasers reached 95,000 units, with an average selling price of US$18,000.

Key Takeaways

Industrial-grade laser diodes are available from major distributors like Mouser, DigiKey, Newark Electronics, Edmund Optics, and DirectIndustry, offering a wide range of power, wavelength, and form factors for professional applications.

Key Suppliers and Platforms

Mouser Electronics: Offers a large selection of laser diodes from manufacturers such as AMS Osram, KYOCERA AVX, and ROHM Semiconductor. Products include various wavelengths and power ratings suitable for industrial and scientific use, with pricing and quantity filters available for bulk orders (Mouser).

Digi

Key: Stocks laser diodes and modules with power ranges from less than 1 milliwatt to multiple watts, covering infrared, visible, and ultraviolet wavelengths.

Digi

Key provides same-day shipping, datasheets, and technical support for industrial applications (DigiKey). Newark Electronics: Carries a wide range of laser diodes from top manufacturers including Rohm, TT Electronics, AMS Osram, and Wurth Elektronik. Newark offers fast quotes, same-day dispatch, and technical support for professional purchases (Newark).

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Edmund Optics: Specializes in industrial and pointing lasers, providing both standard and custom solutions for manufacturing, alignment, and measurement applications. They offer direct consultation via LiveChat for technical guidance (Edmund Optics).

Direct

Industry: Features industrial laser diodes from leading brands like COHERENT, TRUMPF, and Oxxius. The platform allows comparison of specifications, power ratings, and manufacturer details for professional procurement (DirectIndustry).

Considerations for Industrial Purchases

Power and Wavelength: Industrial applications often require high-power diodes (several watts) and specific wavelengths for cutting, welding, or sensing. Cooling and Mounting: High-power diodes may need active cooling and precise mounting for stability and longevity. Regulatory Compliance: Ensure compliance with laser safety standards (e.g., IEC 60825) for industrial use.

Bulk Orders and Pricing: Many distributors provide tiered pricing for bulk purchases, which is important for manufacturing or research facilities. By exploring these suppliers, you can access a broad range of industrial-grade laser diodes suitable for professional applications, with technical support and datasheets to guide selection.

Article Content

Industrial laser diode

Find your industrial laser diode easily amongst the 14 products from the leading brands (COHERENT, Oxxius, ...) on DirectIndustry, the industry specialist for

Laser diode

Find your laser diode easily amongst the 84 products from the leading brands (OVIO INSTRUMENTS, Changchun New Industries, Omicron, ...) on DirectIndustry, the

Industrial and Pointing Lasers

Industrial and Pointing Lasers Machine Vision Laser Development Kit Features a 660nm, 35mW Red Laser Diode

Laser Diodes – Mouser

Laser diodes are available at Mouser Electronics from industry leading manufacturers. Mouser is an authorized distributor for many laser diode manufacturers including ams Osram, KYOCERA AVX,

Global Industrial Diode Lasers Market 2026 by Manufacturers,

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In 2025, global sales of industrial diode lasers reached 95,000 units, with an average selling price of US$18,000. Industrial diode lasers are industrial laser devices that use semiconductor laser diodes

Best Selling Diode Laser 2026: Top Picks & Trends

This report provides a comprehensive analysis of the best-selling diode lasers across industrial, automotive, and consumer electronics sectors. It evaluates market leaders, high-growth segments,

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

Produces laser modules and distributes laser diodes from manufacturers for industrial OEMs, medical, and defense markets. Designs and manufactures LED lights for machine vision, industrial, security,

Industrial Diode Lasers Market Report – Research, Industry Analysis ...

In 2025, global sales of industrial diode lasers reached 95,000 units, with an average selling price of US$18,000. Industrial diode lasers are industrial laser devices that use semiconductor

Industrial Grade Blue Laser Diodes Market Outlook 2026-2032

The global Industrial Grade Blue Laser Diodes market was valued at 520 million in 2024 and is projected to reach US$ 685 million by 2032, at a CAGR of 4.7% during the forecast period.

Laser Resale — Marketplace for Used Industrial and Scientific Lasers

Laser Resale Inc. provides a market place for the purchase and sale of qualified pre-owned lasers, laser systems, laser associated equipment, and optical equipment.

Global Semiconductor Laser Diodes for Industrial and Consumer

Semiconductor Laser Diodes for Industrial and Consumer Market size was valued at USD 3.5 billion in 2025 & is estimated to reach USD 6.8 billion by 2034, exhibiting a CAGR of

Laser Diodes | Components to Systems | UV-LWIR

For nearly 30 years, RPMC Lasers has provided the widest selection of semiconductor laser diode wavelengths and packages for various applications in

Laser Manufacturers | Laser Suppliers

Laser Modules: Portable, low-power devices for consumer and industrial use, including laser pointers, levels, and alignment tools. Laser Systems: Versatile platforms designed for cutting, marking,

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Industrial Diode Laser Manufacturer | LASERLINE

Laser Manufacturer & Technology Leader for Laser Innovations Laserline is one of the leading manufacturers of industrial lasers and beam shaping solutions in the

Laser Resale — Marketplace for Used Industrial and Scientific Lasers

Scientific Lasers Argon Lasers CO_2 Pulsed Lasers (mostly TEA) Copper Vapor Lasers Diode Lasers (Scientific) Diode Pumped Nd:YAG Dye Laser Systems Er:YAG, Holmium:YAG, & Nd:YLF Lasers

Industrial Laser Modules Manufacturer USA | Reliable Laser Solutions

Industrial laser technology is transforming manufacturing and research through precision and power. Choosing a trusted laser diode module manufacturer, paired with high-power laser diode modules of

Semiconductor & System Solutions | Infineon Technologies

Infineon Semiconductor & System Solutions - MCUs, sensors, automotive & power management ICs, memories, USB, Bluetooth, WiFi, LED drivers, radiation h

Industrial Lasers Market Size, Share & Growth | Analysis

The global industrial lasers market size was valued at USD 23.9 billion in 2025. The market is projected to grow from USD 26.95 billion in 2026 to USD 70.02 billion by 2034, exhibiting a

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Technical inquiry: https://bagyou.es/project-enquiry.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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