Miniature Laser Diode Suppliers

Overview

StockerYale, Inc. engages in the design, development, and manufacture of low power laser modules & related optics. We also distribute laser diodes, LED systems and specialty optical fiber.

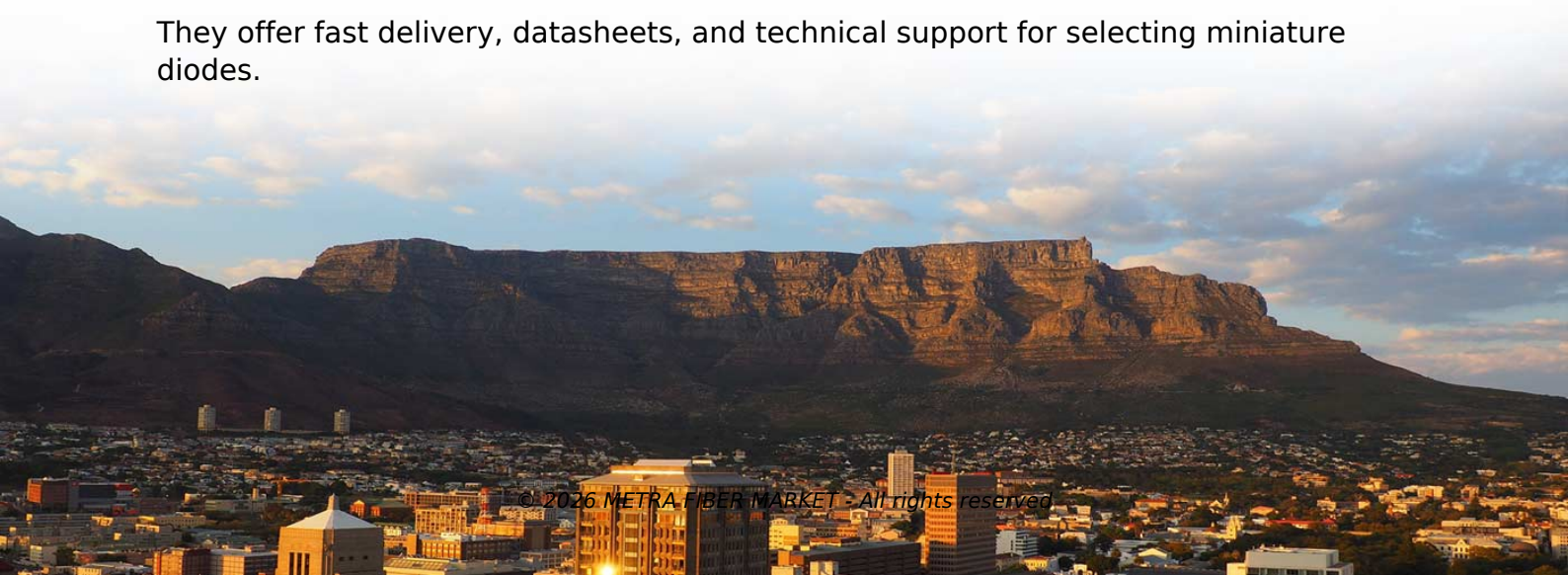
Key Takeaways

Miniature laser diodes are available from distributors like Mouser, DigiKey, Newark, and specialized suppliers such as Edmund Optics and Frankfurt Laser Company. Distributors with In-Stock Miniature Laser DiodesMouser Electronics: Offers a wide selection of laser diodes from manufacturers including ams Osram, KYOCERA AVX, and ROHM Semiconductor. Their inventory includes miniature diodes suitable for various applications, with parametric filtering to select wavelength, power, and package type.

Digi

Key: Provides a large in-stock selection of laser diodes and modules with same-day shipping. Users can filter by size, wavelength, and power to find miniature options for immediate use. Newark Electronics: Stocks a broad range of laser diodes from top manufacturers like Rohm, TT Electronics, AMS Osram, and Wurth Elektronik.

They offer fast delivery, datasheets, and technical support for selecting miniature diodes.



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Specialized Miniature Laser Diode Modules

Edmund Optics: Offers miniature LDM focusable laser diode modules that are self-contained and compact. These modules provide adjustable focusing lenses for elliptical or circular beams, suitable for alignment, bar code reading, measurement, scanning, and robotic control. Accessories like line generators are available, and power supplies are sold separately.

Frankfurt Laser Company (FLC): Supplies a wide range of laser diodes including FP, DFB, DBR, VCSELs, and quantum cascade lasers. They provide miniature modules, fiber-coupled options, and custom solutions for hard-to-find wavelengths or packaging.

FL

C also offers complementary accessories like collimator optics and laser diode drivers.

Key Considerations

Wavelength and Power: Miniature diodes are available across a broad spectrum (visible to IR) and various power levels. Beam Type: Adjustable lenses allow for elliptical or circular beams depending on the application. Accessories: Line generators, collimators, and power supplies may be required for operation.

Customization: For specialized applications, suppliers like FLC can provide custom packaging or rare wavelengths. For immediate procurement, DigiKey, Mouser, and Newark are ideal for in-stock orders, while Edmund Optics and FLC are suitable for specialized miniature modules or custom solutions.

Article Content

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,

Miniature Laser Diodes Suppliers @ ProcessRegister

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Laser Diodes – Mouser

Laser Diodes Laser Diodes are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Laser Diodes Laser Diodes.

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

Explore 138 top manufacturers and suppliers of Diode Lasers in our comprehensive photonics buyers'' guide. A diode laser is a type of laser that uses a semiconductor diode as the active medium to

Evolase PLD-NS-GSS-Tr Nanosecond Pulsed Laser Diode Driver

Overview The Evolase PLD-NS-GSS-Tr is a high-stability, compact nanosecond pulsed laser diode driver engineered for precision seeding applications in master oscillator power amplifier (MOPA)

AI Data Center Expansion to Drive Combined Monthly Capacity of

Major players such as NVIDIA, Google, and Meta are securing a stable supply by strategically locking in production capacity from electro-absorption modulated laser (EML) and

Evolase PLD-PS Compact Short-Pulse Laser Diode Driver

Overview The Evolase PLD-PS is a compact, high-performance short-pulse laser diode driver engineered for precision seeding applications in ultrafast optical systems. It employs a fast-switching,

5 Best Budget Laser Engravers of 2026 | Expert Picks

Discover the 5 best budget laser engravers of 2026. Expert-reviewed machines for hobbyists and businesses with top features, applications, and pricing.

Evolase PLD-CW-2000 and PLD-CW-2000-ZIF Constant-Current Laser Diode ...

Overview The Evolase PLD-CW-2000 and PLD-CW-2000-ZIF are precision constant-current laser diode drivers engineered for stable, low-noise excitation of 10-pin and 14-pin butterfly-packaged laser diodes.

Micro Lasers

MicroGreen XG Series The Snake Creek Lasers MicroGreen™ XG Series is a remarkable long-term stable diode-pumped solid-state laser packaged in a 9.0 mm diameter device package. Applications

SANHE LASER: Laser Beauty Machine Supplier,

Official Website of SANHE LASER! Founded in 2005 Beijing China, Sanhe Laser is an expert manufacturer in advanced laser and intense light technology, with

Laser Diodes and Modules

Product PortfolioAMS Technologies is a leading supplier of laser diodes and carries an exceptionally broad portfolio of component-style laser diodes as well as laser

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Laser Diode Module

Find here Laser Diode Module, Laser Dot Diode Module manufacturers, suppliers & exporters in India. Get contact details & address of

Evolase PLD-NS Compact Nanosecond Pulsed Laser Diode Driver

Overview The Evolase PLD-NS is a compact, high-performance nanosecond pulsed laser diode driver engineered for precision seeding and time-resolved optical systems. It operates on the principle of

Miniature diode laser | Laser Focus World

A miniature diode-laser module measures 7 mm in diameter and 22 mm long. The casing is made of brass and fitted with a fine internal thread that allows optics to be continuously focused over

Miniature LDM Focusable Laser Diode Modules

Miniature LDM Focusable Laser Diode Modules ideal for alignment, positioning, measurement, or analysis applications are available at Edmund Optics.

Laser Manufacturers | Laser Suppliers | RPMC Lasers'' Partners

See the Solid-State Lasers, Amplifiers, Fiber Lasers, Diode Lasers & more products offered by RPMC, thanks to our trusted, industry-leading partners.

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.

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

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