Reference Price of 510nm Laser Diode in Eastern Europe

Overview

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Key Takeaways

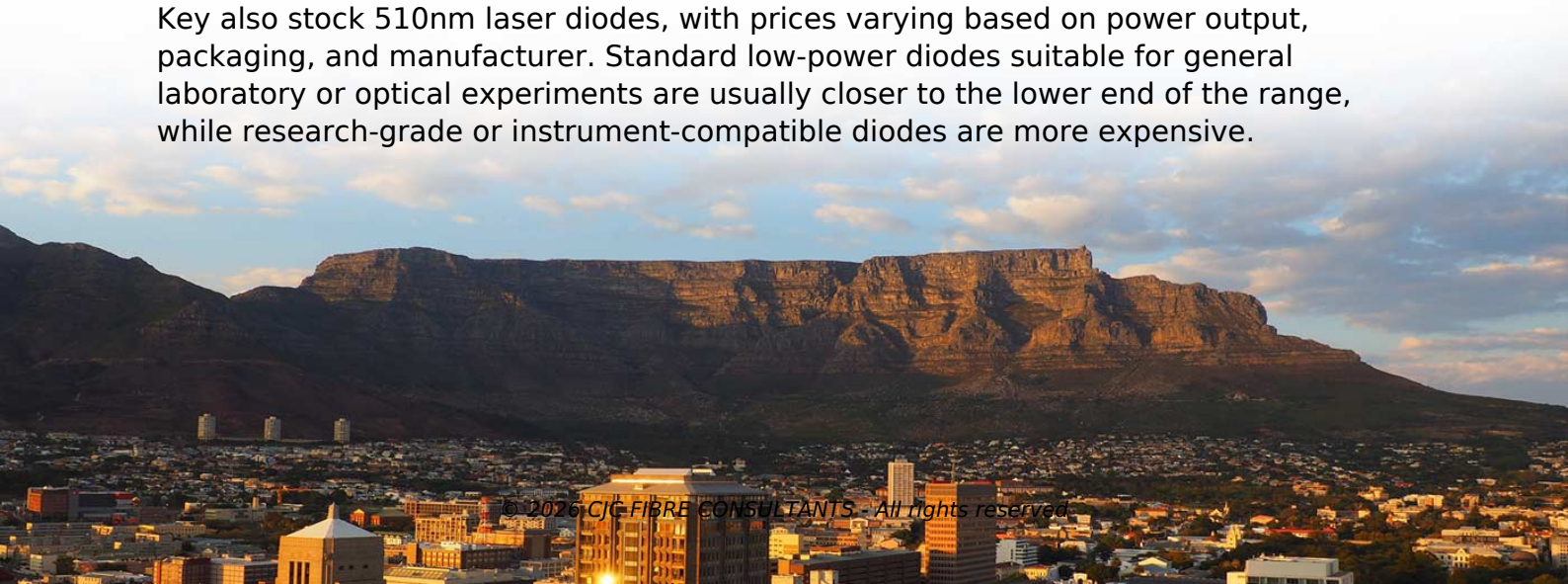
The reference price for a 510nm laser diode in Eastern Europe typically ranges from €150 to €450, depending on specifications and supplier.

Pricing Overview

For green laser diodes in the 510–520nm range, Roithner Laser lists prices starting around €150–€200 for standard pulsed or low-power diodes, while higher-specification diodes with active temperature control or higher peak power can reach €400–€450. Horiba's DeltaDiode-L 510nm pulsed laser diode, designed for fluorescence spectroscopy applications, is a specialized model with active temperature control, and its price is generally in the upper range of €400–€450.

Mouser Europe and Digi

Key also stock 510nm laser diodes, with prices varying based on power output, packaging, and manufacturer. Standard low-power diodes suitable for general laboratory or optical experiments are usually closer to the lower end of the range, while research-grade or instrument-compatible diodes are more expensive.



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Factors Affecting Price

Wavelength tolerance: ±5–10nm diodes may cost less than highly precise ±1nm models. Power output: Higher peak or continuous power increases cost. Temperature control: Diodes with active thermal stabilization are more expensive.

Supplier and shipping: Prices in Eastern Europe may include import fees or VAT, affecting the final cost.

Practical Advice

For procurement in Eastern Europe, it is recommended to check multiple distributors such as Mouser Europe, DigiKey, and Roithner Laser for stock availability and shipping options. For specialized applications like fluorescence spectroscopy, consider Horiba's DeltaDiode-L series for compatibility and performance, even if the price is higher. By comparing these sources, buyers can expect a typical reference price range of €150–€450 for a 510nm laser diode in Eastern Europe.

Article Content

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Pricing Guide for Buying Laser Diodes

In order to help, we put together a short list to help you at least figure out how much a “class” of laser diode might cost. This list is a rough guide of pricing by

510nm Singlemode Diode Laser [live-lasersystems.at]

The 510nm laser modules are hermetically sealed and TEC cooled. They come with a respective driver and a flat ribbon cable for easy wiring. It features analog modulation at >100kHz and TTL at

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Laserland focuses on laser manufacturing and sales for 10 years. We supply laser diodes, diode laser modules and of various sizes and wavelength, with reasonable prices, excellent quality for customers

510nm 10mW 5.6mm PLT5 510 Green Laser Diode LD with PD

The laser diode is precise and sensitive optical instrument. Before carrying on some laser DIY activities, please read about the technical information first and protect your eyes before laser ray.

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High Power Lasers Diodes (10W ~ 1kW)

There is a list which gives some general pricing information so that you have an understanding of what a particular type of laser might cost as well as a list of all

DeltaDiode-L 510nm #1100178013

Pulsed laser diode with peak WL 510nm +/-10nm w/active temp control is compatible with your Fluorescence Spectroscopy instruments like your HORIBA Duetta, FluoroMax, Fluorolog QM,

List of Europe Laser

Find detailed info on Laser - Diode manufacturers in Europe. View 8 Europe Laser - Diode manufacturing company profiles. Submit a partnership request.

Infrared Laser Diodes Market in Eastern Europe | Report

Eastern Europe''s infrared laser diodes market sits at the intersection of global supply chains and regional industrial demand. The region encompasses thirteen economies with varying

510nm Diode Laser Systems

510nm green beam, continuous wave, diode laser systems. Opto Engine LLC continuous wave laser systems provides you with a large range of available wavelengths and output powers to meet

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

A diode laser is a type of laser that uses a semiconductor diode as the active medium to generate coherent light. Semiconductor diodes are electronic devices that conduct electricity primarily in one

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To56 510nm 10MW Laser Diode with Pd for Sharp, Find Details and Price about Laser Projection Presenter from To56 510nm 10MW Laser Diode with Pd for Sharp - Changchun Sunday Optics Co., Ltd.

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PL5510 515nm 520nm 510nm 10mw Green Laser Diode NO PD LD TO18 5.6mm offers high efficiency and reliability for various applications. Datasheet available.| Alibaba

510nm (GREEN), Single-Mode 10mW Laser Diode, OSRAM

520nm OSRAM Green Laser Diode The single-mode OSRAM 520nm green laser diode is packaged in a standard 3.8mm TO-can, and provides up to 10mW optical output power. This high quality laser has

510 nm Collimated Diode Laser System

Description 510 nm Green Collimated Diode Laser System The LRD-0510 Series of Collimated Diode (Semiconductor) Lasers are ideal for applications requiring a short wavelength of 510 nm and output

DL510 Series 510nm Diode Laser System up to 30mW

The DL510 series diode laser is ideal for applications that require a wavelength of 510nm and output power levels up to 30mW. The laser features a compact design, long operating lifetime, easy

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