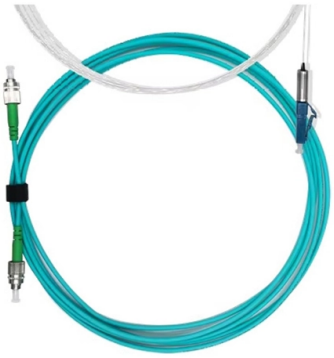
Price of 510nm Laser Diode in Belize



Overview

In Belize, the market for laser diodes is influenced by the demand for advanced optical components and the growth of technology sectors.

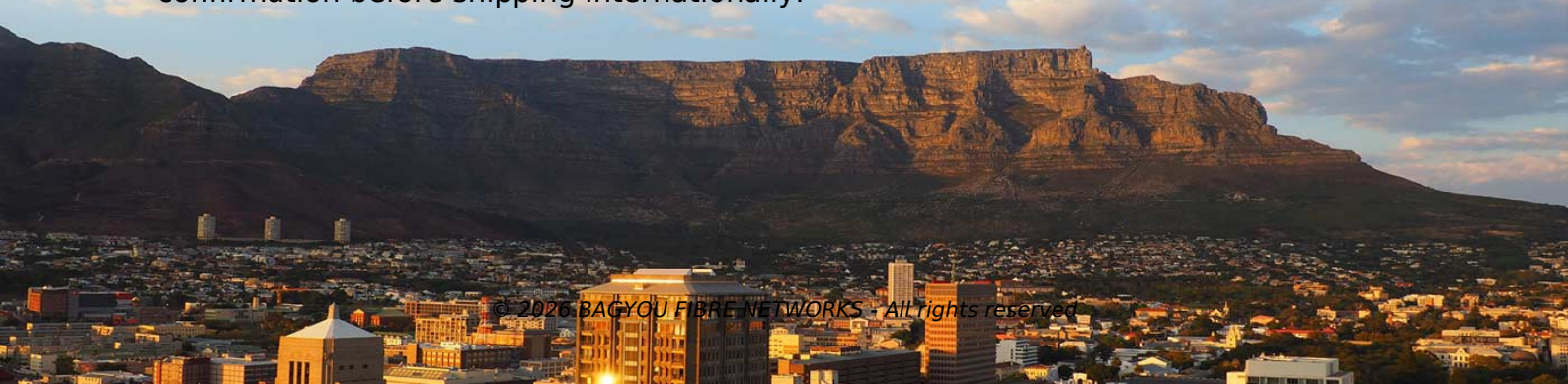
Key Takeaways

The price of a 510nm laser diode ranges from approximately $30 to $9,600 USD depending on power, mode, and features, with international shipping to Belize typically adding around $30 USD. Typical PricingLow-power 10mW diodes: For example, a 510nm 10mW PLT5 green laser diode from Laserland is available for a base price of around $30 USD, with international express shipping costing approximately $30 USD to Belize. Higher-power or specialized diodes: Singlemode, TEC-cooled 510nm laser modules with drivers and advanced features can cost $9,600 USD for laboratory-grade units with output powers of 30–60mW.

Other suppliers: Mouser and DigiKey offer a range of laser diodes, but prices vary depending on manufacturer, power rating, and packaging. These suppliers provide datasheets and inventory listings, which can help determine the exact cost for your specifications.

Shipping Considerations

International shipping to Belize is generally available from suppliers like Laserland, with express shipping around $30 USD, though costs may vary depending on carrier and package size. Ensure that your full address, postal code, and phone number are provided accurately to avoid delivery issues. Some suppliers may require confirmation before shipping internationally.



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Summary

For a basic 10mW 510nm diode, expect a total cost of roughly $60 USD including shipping. For high-end laboratory-grade modules, prices can reach several thousand dollars, depending on features like TEC cooling, singlemode operation, and included drivers. Checking suppliers like Laserland, Mouser, and DigiKey will provide the most accurate pricing and availability for shipment to Belize.

Article Content

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

If buyer use it for longer time without heatsink, we do not take any responsibility.The laser diode is precise and sensitive optical instrument fore carrying on some laser DIY activities, please read

Belize Laser Diode Market (2025-2031) | Trends, Outlook & Forecast

In Belize, the market for laser diodes is influenced by the demand for advanced optical components and the growth of technology sectors. The growth of the market is supported by advancements in laser

Pricing Guide for Buying Laser Diodes

IntroductionHow Does The Wavelength Affect The Price of A Laser diode?How Do The Spectral Properties Affect The Price?Fabry-Perot Laser DiodesDFB, DBR and ECL Single Frequency Laser DiodesNarrow Spectral Linewidth Laser DiodesHow Does The Package Type Affect Price?Bare Laser Diode Chips and Coc Devices ($10~$500)Open Heat Sink Laser Diodes (Range Is Approximately $50 ~ $1,000)Butterfly Packaged Laser Diodes (Range Is Approximately $600 ~ $4,500)Semiconductor laser diodes range widely in price based on a few key parameters. The wavelength, power, spectral qualities, package type, cavity type and quantity will all have an effect on the price. You can buy a laser diode for less than a dollar. But the price can also be in the tens of thousands of dollars just by changing several paramaters. T...See more on laserdiodesource Digi-Key Electronics

Laser Diodes, Modules | Optoelectronics | DigiKey

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price list

Laser Diodes | GREEN | 510 - 520 nm. Laser Diodes | RED | 635 - 655 nm. Laser Diodes | RED | 660 - 690 nm. Laser Diodes | INFRARED | 705 - 808 nm. Laser Diodes | INFRARED | 820 - 940 nm. Laser

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Laser Diodes – Mouser

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

510nm Singlemode Diode Laser

BeamQ Laser 510nm Singlemode Diode Laser [live-lasersystems.at] - The 510nm laser modules are hermetically sealed and TEC cooled. They come with a

510nm Green Laser : BeamQ Laser, DFB Laser, Solid State Laser,

BeamQ Laser : 510nm Green Laser - Laser Beam Modules Laser Diodes Optical DPSS Solid State Laser Laser Optics Laser Dazzlers AOM modulator Blue Laser Pointers Green Laser Pointers

Arktis Laser | Scientific Lasers | Arktis Laser

CW 510 nm Lasers The LRD-0510 Series of Collimated Diode (Semiconductor) Lasers are ideal for applications requiring a short wavelength of 510 nm and output power levels of 5 mW to 30 mW with

Pricing Guide for Buying Laser Diodes

Learn how wavelength, power, package & cavity type determine the cost of a laser diode Introduction: Semiconductor laser diodes range widely in price based on a

High Power Lasers Diodes (10W ~ 1kW)

HIGH POWER LASER DIODE PRICE GUIDE » LIST OF ALL HIGH POWER LASER DIODE MANUFACTURERS » SHOP TURN-KEY HIGH POWER LASER

CW Laser Diodes (green)

Green laser diodes are most visible to the human eye - available from 510 nm to 530 nm.

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

Amazon : Diode Lasers

Online shopping for Diode Lasers - Optoelectronic Products from a great selection at Industrial & Scientific Store.

510 nm Green Diode Laser

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Green laser, blue laser, red laser, yellow laser, infrared laser and UV ultraviolet Laser systems are manufactured by CNIlaser. They are ultra-compact diode-pumped solid-state DPSS laser systems in

PLT5 510

The PLT5 510 from ams OSRAM is a Laser Diode with Wavelength 510 nm, 520 nm, 530 nm (Peak), Output Power 10 mW, Output Power 10 mW, Threshold Current 25 to 50 mA, Operating Current 45

505nm 510nm 520nm 535nm Line Laser Diode Laser Module

The 510nm 520nm 535nm wavelength laser is green, the light is clear and bright, soft and not dazzling The marking is accurate, intuitive and practical, with good stability, simple and convenient operation,

510 nm Green Solid State Lasers

Scitec Instruments offers cost effective ultra-compact Diode Pumped Solid State (DPSS) lasers. Its lasers feature high reliability, high stability, high efficiency, low noise and excellent beam quality.

PLT5 510 Laser Diode

PLT5 510 is a high-performance green laser diode from OSRAM, designed for applications requiring precise and stable light sources. With a peak emission wavelength of 515 nm, it delivers 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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