

Honduras 510nm Laser Diode Brand



AI Overview

OSRAM is a leading brand offering 510nm green laser diodes available for use in Honduras, with models like PLT5 and PLT3 widely recognized. Available Brands and Models OSRAM PLT5 510: A 5.6mm green laser diode with 10mW output, suitable for precision optical applications. It is a single-mode or multi-mode edge-emitting diode, commonly used in telecommunications, medical devices, and consumer electronics.

OSRAM PLT3 510: A 3.8mm single-mode green laser diode with 10mW output, offering compact size and high efficiency for applications requiring precise beam quality. These diodes are typically imported into Honduras due to the limited local manufacturing base, making OSRAM a primary supplier for high-quality 510nm laser diodes.

Market Context in Honduras The Honduras laser diode market is growing, driven by demand in telecommunications, healthcare, and consumer electronics. Laser diodes are essential for fiber-optic communication, barcode scanning, medical diagnostics, and optical storage devices. However, the market faces challenges such as high import costs and reliance on foreign suppliers, which can affect availability and pricing for small businesses or research institutions.

Technical Considerations When using 510nm laser diodes: They are sensitive optical instruments and require proper handling, including anti-static precautions and heatsinks for long-term operation. Operators should have experience in optics DIY or testing, and eye protection is essential due to the high-intensity green laser beam. These diodes are compatible with CW and pulsed operation, depending on the application, and can replace older Argon or He-Cd lasers in industrial or biomedical setups.

Summary For users in Honduras seeking 510nm green laser diodes, OSRAM PLT5 and PLT3 are the most accessible and reliable brands. The market is import-dependent, with applications spanning telecommunications, medical devices, and consumer electronics, and proper handling and technical knowledge are crucial for safe and ef...

Article Content

Arktis Laser | Scientific Lasers | Arktis Laser

Low Noise 510 nm Lasers The LLD-0510 Series of Low-Noise Collimated Diode Lasers are ideal for applications requiring less than 0.2% noise and output power levels from 5 mW to 30 mW. These 510

DL510 Series 510nm Diode Laser System up to 30mW

Overview 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

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.

Laser Diodes Diodos láser - Mouser Honduras

Laser Diodes Diodos láser se encuentran disponibles en Mouser Electronics. Mouser ofrece inventarios, precios y hojas de datos para Laser Diodes Diodos láser.

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

Diodos láser - Mouser Honduras

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,

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

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

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. Also, please take a look at the list of 48 laser diode manufacturers and

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

510 nm 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 power levels of 5 mW to 30 mW with a high level of long-term

Arktis Laser | Scientific Lasers | Arktis Laser

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 a high level of long-term

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,

Honduras Laser Diode Market (2025-2031) | Share & Forecast

6Wresearch actively monitors the Honduras Laser Diode Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue analysis, and forecast outlook.

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

Brand New 510nm 10mw PLT5 510 Green Laser Diode LD with PD for

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

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

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

Laser Diode Selection Guide (ALL MANUFACTURERS)

We try to help our community of laser scientists & engineers find the best products for their projects by hosting a free Open-Index product database with lasers from all manufacturers. Manufacturers can

Osram direct green laser diodes 510nm

OSRAM Opto Semiconductors, a leading supplier of direct green laser diodes, has introduced Indium Gallium Nitride (InGaN)-based direct green laser diodes, wavelengths from 510-530 nm, for pico

Honduras Laser Diode Market (2025-2031) | Share & Forecast

Honduras Laser Diode Market Synopsis The Honduras laser diode market is witnessing significant growth, as highlighted by Nitesh, Research Manager at 6Wresearch. Laser diodes are widely used in

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://lwazipm.co.za>

Email: info@lwazipm.co.za

Phone: +27 82 415 6392

Address: 15 Oxford Street, Rosebank, Johannesburg, 2196, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

