

Thorlabs laser diodes



Overview

We have compiled a list of Laser Diodes from the Thorlabs Inc website/catalog and made their products searchable by specification. Use the filters to narrow down on products based on your requirements. Laser diodes, which are capable of converting electrical current into light, are available from Thorlabs with center wavelengths in the 375 - 2000 nm range and output powers from 0. We also offer Quantum Cascade Lasers (QCLs) and Interband Cascade Lasers (ICLs) with center. Thorlabs offers an array of semiconductor laser diodes, Quantum Cascade Lasers (QCLs), and Interband Cascade Lasers (ICLs) with center wavelengths ranging from 375 nm out to 11. Our laser diodes come in a variety of packages, including standard Ø5. LIV and spectral measurements can be downloaded by clicking the red icon corresponding to each serial number. 8 mm. Features FP, DFB, and VCSEL Laser Diodes Output Powers up to 3 W Center Wavelengths Available from 805 nm to 2000 nm Various Packages Available: TO, TO Pigtailed, Butterfly, VCSEL, C-Mount, and Chip on Submount Easily Choose a Compatible Mount Using Our LD Pin Codes Compatible with Thorlabs' Laser.



Article Content

Lasers / Coherent Sources

Thorlabs provides an extensive selection of lasers and other specialized coherent sources, such as our correlated photon-pair source. We offer single-frequency and tunable lasers with wavelengths

THORLABS LDC205C QUICK REFERENCE Pdf

View and Download THORLABS LDC205C quick reference online. Laser Diode Controller. LDC205C controller pdf manual download.

Thorlabs Laser Diodes

Thorlabs Laser Diodes, Unbiased LASER DIODE SELECTION GUIDE, Compare all Manufacturers and Product Data Sheets on One Site, 370nm to 2350nm

Laser Diodes: Ø3.8 mm, TO-46, Ø5.6 mm, Ø9 mm, and

Laser diodes are also sensitive to optical feedback, which can cause significant fluctuations in the output power of the laser diode depending on the application.

47 Laser Diode Manufacturers in 2026

47 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

An Introduction to Laser Diodes

An Introduction to Laser Diodes Learn about the laser diode, including package types, applications, drive circuitry, and some laser diode specifications.

Japan Distributed Feedback Laser Diode (DFB-LD) Market ...

The Japan Distributed Feedback Laser Diode (DFB-LD) market is characterized by robust growth driven by increasing demand for telecommunications, data centers, and advanced industrial applications.

Thorlabs · Compact Laser Diode Drivers with TECs and

Thorlabs" Compact Laser Diode and Temperature Controllers are complete driver packages designed to drive and cool TO can fiber-coupled laser diodes.

Thorlabs

In November, Thorlabs acquired laser supplier Maxion Technologies from Physical Sciences Inc. for an undisclosed amount. Maxion's quantum cascade laser and interband cascade laser lines were

Laser Diodes: Ø3.8 mm, TO-46, Ø5.6 mm, Ø9 mm, and

We offer laser diodes with different output characteristics (power, wavelength, beam size, shape, etc.). Most lasers offered here are single transverse mode (single

Thorlabs

Official Account and Source for Example Code. Thorlabs has 8 repositories available. Follow their code on GitHub.

Thorlabs · Laser Diode Selection Guide

This selection guide provides a comprehensive list of all laser diodes available from stock, along with key specifications. For more information on general mounting,

Laser Diode Burn-in Test System Market Size, Trends, 2026

The Laser Diode Burn-in Test System market represents a critical segment within the broader optoelectronics and laser technology ecosystem, driven by the imperative for enhanced

Laser scanning setup for Transient Current Technique (TCT)

2) Laser diode: commercial laser diodes with power in the range from 1 to 50 mW and wavelengths over the full visible spectrum, near infra-red and infrared. 3) Laser coupling system:

Global Distributed Feedback Laser Diode (DFB-LD) Market Research

In-depth analysis of the Distributed Feedback Laser Diode (DFB-LD) Market Overview of the regional outlook of the Distributed Feedback Laser Diode (DFB-LD) Market: Chapter Outline Chapter 1 mainly

Lasers / Coherent Sources

We offer single-frequency and tunable lasers with wavelengths spanning the visible through the mid-IR. Options range from individual laser diodes and DPSS lasers to complete laser solutions such as fiber

Thorlabs · Laser Modules

The phono-jack-equipped laser modules are available with collimated or adjustable-focus output in the visible or NIR. Also available are turnkey laser diode modules

Laser Diodes from Thorlabs Inc

We have compiled a list of Laser Diodes from the Thorlabs Inc website/catalog and made their products searchable by specification. Use the filters to narrow down on products based on your requirements.

Thorlabs, profile with contact details and 55 photonics

Thorlabs, a vertically integrated photonics products manufacturer, was founded in 1989 to serve the laser and electro-optics research market. As that market ...

Pulsed laser

Diodes are arranged by wavelength and then power. The tables below list basic specifications to help you narrow down your search quickly. The blue Info button

Single Mode Fiber Pigtailed Laser Diodes Market Size, Trends

In March 2025, Thorlabs launched a new series of high-power, wavelength-tunable laser diodes optimized for 5G and data center applications, emphasizing energy efficiency and thermal

Thorlabs Laser Diodes

One of the ways we help our community of laser scientists and engineers find the best products for their projects is by hosting a free Open-Index product database. All manufacturers are also welcome to

External cavity diode laser at 509 nm for Cs Rydberg atoms

In 2021, Cheng et al. directly utilized a green light diode, employing grating external cavity feedback technology, to realize a single-frequency 509 nm laser. However, its linewidth was on the

Japan Diode-Pumped Lasers Market Size Growth Analysis 2026

Japan Diode-Pumped Lasers (DPLs) are high-efficiency laser systems that utilize diode lasers to pump the gain medium, offering advantages such as compact size, high beam quality, and low thermal load.

Laser Injection Locking Of Lithium Diodes. An Experimental ...

Buy the book Laser Injection Locking Of Lithium Diodes. An Experimental Approach With A 660 Nm Thorlabs Diode And A 675 Nm Ushio Laser Diode at wook.pt. Book with 10%meta sconto.

Contact Us

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

Website: <https://www.invest-bud.com.pl>

Email: sales@ibud-photonics.com

Phone: +33 1 45 62 89 07

Address: 10 Avenue des Champs-Élysées, 75008 Paris, France

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

