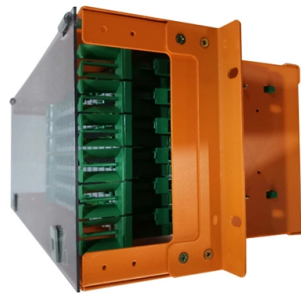


What is the price of a 635nm laser diode



AI Overview

635nm laser diodes typically range from \$10 to \$300 depending on power, packaging, and module integration. Typical Pricing by Type

Low-power TO-can diodes (1–10mW): Standard 635nm diodes in TO-18 or TO-56 packages, such as the 5mW D6355I or 10mW QL63F5SA, are priced around \$10–\$25 per unit at distributors like DigiKey.

Pigtailed or fiber-coupled modules (1–10mW): Modules with integrated single-mode fiber and FC/PC connectors, such as those from Edmund Optics, are generally priced around \$100–\$150, depending on the included driver and fiber length.

Turn-key or high-power single-mode modules (10–80mW): Integrated modules with built-in drivers, pulse shaping, or CW operation, like those offered by AeroDIODE, can range from \$200 up to \$300 or more, depending on power output, fiber type, and optional features.

Factors Affecting Price

Output Power: Higher power diodes (tens of mW) cost significantly more than low-power laboratory diodes.

Packaging: TO-can diodes are cheaper, while pigtailed or butterfly packages with fiber coupling increase cost.

Integrated Drivers: Modules with built-in drivers or turn-key solutions are more expensive due to convenience and performance optimization.

Pulse vs CW Operation: Pulsed diodes with precise timing control or nanosecond pulse shaping are priced higher than standard CW diodes.

Summary

For budgeting purposes, a basic 635nm diode can be expected around \$10–\$25, while fiber-coupled or turn-key modules typically range from \$100–\$300. Prices vary by distributor, power rating, and additional features, so checking current stock and datasheets from suppliers like Mouser, DigiKey, Edmund Optics, and AeroDIODE is recommended.

Article Content

3mW 635nm, Micro LDM Laser Diode

Micro LDM Laser Diode Modules feature an extremely compact design that includes automatic power control circuits and focusable optics. The rugged body is low

Photobiomodulation Market Size, Share & Forecast,

However, the capital cost of setting up the required laser equipment for treatment is substantial. Commonly used wavelengths such as 635nm, 670nm,

635nm Laser -Diode for sale

Get the best deals for 635nm Laser -Diode at eBay . We have a great online selection at the lowest prices with Fast & Free shipping on many items!

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635 nm laser diode

The Butterfly 635nm laser diode (Model 1 or 2) can be purchased mounted on various models of turn-key pulse and CW drivers. Scroll down to see all

Edinburgh EPL Pulsed Diode Lasers — Coherent Scientific

Excitation sources for fluorescence lifetime measurements Home Products Lasers Edinburgh EPL Pulsed Diode Lasers

635nm Lasers and Laser Diode Modules | Red Laser Modules

635nm Laser Diodes and Laser Diode Modules from RPMC Lasers Inc - Contact us for a quote, for technical support, or help in selecting the best laser.

Laser Diode 635nm for sale | eBay

Thorlabs CPS635R Collimated Laser Diode Module, 635 nm, 1.2 mW, Round Beam, Ø11 New - Open box \$99.00 or Best Offer

New Mini Red/Green Laser Diode Module 3-5V 4mm-7mm 0.4mW

Key attributes spare parts type Diode Module Wavelength 650 nm, 635 nm, 520nm Power 1mW, 5mW, 10mW, 20mW, 50mW Operating Voltage DC 3-5V Laser Type Diode Laser Accessory Type

1mW 635nm, Laboratory Laser Diode

Designed as a compact diode for laboratory and industrial applications, this laser uses sophisticated electronics to promote long life and reliable performance.

Vetrolaser LLC

Ours are real lasers, NOT LED's. Did you know that some people spend over \$12,000.00 for a 635nm/5mW red laser? Did you also know that you get a FREE single diode red laser with those

635 nm Laser Diodes - Mouser

Mouser offers inventory, pricing, & datasheets for 635 nm Laser Diodes.

LumiRay Diode Laser for Modern Surgery

Introducing LumiRay — Advanced Diode Laser Technology for Modern Surgery We are proud to introduce LumiRay, an advanced and affordable diode laser system engineered to deliver precision,

10mW, 780nm Alignment Laser Diode

Red and IR Alignment Laser Diodes are available in output powers from 1 to 100mW at 635nm, 780nm, 808nm, 850nm, and 980nm wavelengths. These low cost laser diode modules combine drive

List of laser types

This is a list of laser types, their operational wavelengths, and their applications. Thousands of kinds of laser are known, but most of them are used only for specialized research.

Fiber-Coupled Linear Red Laser Projector (1–4 mW)

Overview The Microphotons LDF-Red is a precision-engineered fiber-coupled linear red laser projector designed for integration into optical alignment, metrology, and laboratory instrumentation systems.

9 Best Laser Face Mask | At-Home Light Therapy Beyond the Hype

After evaluating dozens of units on diode count, wavelength accuracy, irradiance output, and real-world user durability, I've built the definitive resource for finding the best laser face mask — focusing on the

635nm Laser Diodes

All Laser Diode Brands on One Site, 635nm, Unbiased SELECTION GUIDE, Get Pricing and Select the Best Laser Diode

Laser Diodes | IR & High Power Laser Diode | RS AU

Your Trusted Laser Diode Supplier in Australia RS Australia is a trusted distributor of laser diodes from leading manufacturers, stocking a broad range including IR laser diodes, SMD laser diodes, high

10 Best Astronomy Laser Pointers Worth the Money

An astronomy laser pointer is a useful tool to indicate a constellation and the location of astronomical objects in the sky. These devices are simple yet

Asclepion MeDioStar XT Model 1530 808nm Diode Laser Hair

Laser Type Diode. Pilot Laser Wavelength 635 nm. Pilot Laser Power <1 mW. Pilot Laser Class Class 2. Max Pulse Duration <600 ms. Manufacture Date 04/2007.

Contact Us

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