

Georgia 830nm Laser Diode Price

Article Overview

830nm laser diodes typically range from around \$50 for low-power modules to several thousand dollars for high-power fiber-coupled units.

Price Overview

- Low-power diodes (1–100 mW): These are often pigtailed or bare diodes suitable for laboratory or OEM applications. Prices start at approximately \$50–\$150 depending on the package and fiber coupling (Edmund Optics) .
- Medium-power diodes (200 mW–2 W): Fiber-coupled modules with single-mode or multi-mode outputs generally cost \$200–\$800, depending on options like polarization-maintaining fiber or integrated drivers (AeroDIODE, BeamQ) .
- High-power diodes (2–20 W): Turn-key fiber-coupled modules with TEC regulation and air cooling can range from \$1,000 to \$5,000 or more, depending on the exact configuration, wavelength stability, and connector type (AeroDIODE) .

Purchasing Options in Georgia

- Online marketplaces: eBay lists 830nm laser diodes with fast shipping, often at competitive prices for both low- and medium-power units .
- Specialized suppliers: Companies like RPMC Lasers and BeamQ provide technical support, custom configurations, and OEM-ready modules, which may be shipped to Georgia .
- Laboratory suppliers: Edmund Optics offers plug-and-play pigtailed diodes suitable for research labs, with prices starting around \$50 for 100 mW modules .

Considerations

- Power output: Higher wattage significantly increases cost.
- Fiber coupling and mode: Single-mode or polarization-maintaining fibers add to the price.
- Integrated drivers: Modules with built-in drivers or TEC cooling are more expensive but simplify operation.
- Shipping and taxes: Prices may vary depending on Georgia state taxes and shipping fees. For the most accurate pricing, it is recommended to contact suppliers directly or check online listings for current stock and promotions.



Article Content

Jul 22, 2026

830 nm laser diode from 200 mW up to 20 W

This small form-factor fiber coupled 830 nm laser diode generates 2 W out of a 105 μm -NA=0.22

Dec 24, 2025

830nm Laser Diodes

BeamQ Laser : 830nm Laser Diodes - Laser Beam Modules Laser Diodes Optical DPSS Solid State Laser Laser Optics Laser

Jun 28, 2026

LASER TREE 830nm 80mW Infrared PM Fiber Coupled

Fiber Coupled Diode Lasers Laser Specifications LT-830080-PM-FC.pdf OPTICAL SPECIFICATIONS

Oct 17, 2025

Pricing Guide for Buying Laser Diodes

Learn how wavelength, power, package & cavity type determine the cost of a laser diode Introduction: Semiconductor laser diodes

Oct 23, 2025

830nm Multimode laser diodes – Sheumann Laser

830nm multimode laser diode Multimode laser diodes offer higher output power than single-mode laser diodes. For applications

Sep 06, 2025

830nm Laser Diodes – Shop Laser Diodes from Top Brands

RLS/830NM-50MW-PMF Manufacturer Wavespectrum \$900.00 View Wavelength 830 nm Output Power 2 W Package Type High

Jan 01, 2026

830 NM Laser Diode for sale | eBay

1pc 830nm 200mW Single Mode Laser Diode Sighting Thermal Imaging Night Vision Brand New \$8.50 or Best Offer

Apr 27, 2026

830nm 100mW Pigtailed Laser Diode

Pigtailed Laser Diode Modules are available with VIS and NIR wavelengths ranging from 405 to 1550nm, with output powers ranging

Mar 26, 2026

LASER DIODE SOURCE

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Apr 14, 2026

830nm Laser Diodes (high power LD)

Wavespectrum offer 830nm laser diode,1W,2.5W,3W output,TO5,C-mount package LD,FAC optional.

Sep 03, 2025

price list

CHIP-650-P30, 650 nm, 30 mW, laser diode chip, (no guarantee on bare dies!)
CHIP-660-P100, 660 nm, 100 mW, laser diode chip,

Mar 04, 2026

830 nm laser diode from 200 mW up to 20 W – fiber

Scroll down to see all configurations and prices. These fiber-coupled 830nm laser diodes are offered as

May 27, 2026

High Power Laser Diode 830nm

830nm, 2W The SheauPac is Sheaumann's flagship product that is manufactured and assembled entirely in our DoD compliant

Aug 17, 2025

830nm Laser Diodes – Shop Laser Diodes from Top Brands

830nm Laser Diode, 20W Output Power, Multimode Fiber 830LD-4-MM / Laser Diode

Aug 22, 2025

830nm Laser Diodes

All Brands on One Site, Compare 830nm Laser Diode Specifications and Pricing, Unbiased SELECTION GUIDE, Research All of

Dec 25, 2025

0830L-11A-NI-NT-NF: Laser Diode Module (Single Mode | 830nm

Get a price quote for 0830L-11A-NI-NT-NF: Laser Diode Module (Single Mode | 830nm | 130mW) directly from RPMC Lasers, Inc. |

May 11, 2026

830nm Laser Diode - Laserland

830nm 5.6mm Infrared IR Laser Diode LD 10mW 30mW 100mW 200mW 300mW
\$6.00 - \$11.00 Select options Quick View

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830nm Laser Diodes - Shop Laser Diodes from Top Brands

LD4B Laser Diodes \$975.00 View Wavelength 830 nm Output Power 0.05 W Package Type Coaxial Mode Structure Single Mode **

Feb 07, 2026

830 nm infrared diode laser.

Green laser, blue laser, red laser, yellow laser, infrared laser and UV ultraviolet Laser systems are manufactured by CNIlaser. They

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830nm Lasers | RPMC Lasers Inc

830nm Laser Diodes - free space and fiber coupled options. Contact us for a quote, for technical support, or help in selecting the

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830 NM Diode for sale | eBay

Get the best deals for 830 NM Diode at eBay . We have a great online selection at the lowest prices with Fast & Free shipping

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High Quality Qsi 830nm 5MW Laser Diode

High Quality Qsi 830nm 5MW Laser Diode, Find Details and Price about Laser Diode and Diode from Superlight Technology Co., Ltd.

May 28, 2026

830nm Diode : BeamQ Laser, DFB Laser, Solid State Laser,

Our broad range of 830 nm lasers are used for Scientific Applications involving Spectral Analysis, Biology Research and PIV,

May 15, 2026

High-Power, Single-Mode Laser Diodes, 830nm 450mW

The primary cause of diode failure is unexpected electrostatic discharge. To help prevent device failures, the user should always

Dec 14, 2025

DIODE LASER SYSTEMS, 830 nm

RLTMDL-830 series 80-250 VAC power supply included. Available options: 3 % and 1 % stability, fibercoupling, adjustable power,

Contact Us

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

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

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg, 2196, South Africa

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