

What is the price of a 685nm laser diode



AI Overview

The price of a 685nm laser diode typically ranges from \$30 to \$200 USD, depending on power, packaging, and features.

Overview

The cost of a 685nm laser diode varies based on several factors:

- **Output Power:** Low-power diodes (around 5–10mW) are generally at the lower end of the price range, while higher-power diodes (20mW or more) cost more .
- **Package Type:** TO-18, butterfly, or pigtailed fiber-coupled packages affect pricing. Fiber-coupled or thermoelectrically cooled diodes are more expensive due to added components .
- **Mode Type:** Single-mode diodes are usually pricier than multi-mode diodes because of their higher beam quality and precision .
- **Supplier and Quantity:** Wholesale purchases or bulk orders from suppliers like Alibaba can reduce per-unit cost, while specialized OEM or research-grade modules from Edmund Optics or RPMC Laser may be at the higher end .

Typical Price Examples

- Edmund Optics offers pigtailed 685nm laser diodes suitable for lab applications, generally in the \$50–\$150 range depending on power and accessories .
- Laser Diode Source lists 20mW butterfly-packaged 685nm diodes with internal TE coolers, which are typically priced around \$150–\$200 due to the integrated cooling and fiber coupling

Article Content

Jan 01, 2026

685 nm Collimated Diode Laser System with TEM00 Beam

685 nm Red Collimated Diode Laser System The LRD-0685 Series of Collimated Diode (Semiconductor) Lasers are ideal for

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Diode Laser Systems, 685 nm

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685nm 50mw Single Mode LD (SM Laser diode)

Wavespectrum Laser Offer the 685nm 50mw SM Laser diodes (Single Mode LD)with TO18 5.6mm Package

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685nm 20mW Laser Diode, Butterfly Package PM fiber

Model LD4B-685-FP-20 | 685nm Laser Diode Product Description The model LD4B-685-FP-20 is a Fabry-Perot laser diode offered

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Laser Diode 685 NM for sale | eBay

Toshiba T0ld9151MB Laser Diode 685nm Forward current Max 0.11A Brand New \$10.00 or Best Offer

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LASER TREE 685nm 20mW Red Fiber Coupled Diode Lasers

Laser Specifications LT-685020-SM-FC.pdf OPTICAL SPECIFICATIONS Output Wavelength: 685nm Output Power: 20 mW Fiber

Jul 20, 2026

LASER TREE 685nm 20mW Red PM Fiber Coupled

Laser Specifications LT-685020-PM-FC.pdf OPTICAL SPECIFICATIONS Output Wavelength: 685nm

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5pcs 685nm 680nm 35mw Red 5.6mm TO18 Laser Diodes Single

Laser was delivered in a polite little box this morning- extremely well packaged, and exactly as described. Its not my

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685nm Lasers | Red Lasers | RPMC Laser Inc

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685nm Laser Diodes – Shop Laser Diodes from Top Brands

Package Type TO-Can Mode Structure Single Mode 685nm Red Laser Diode, 50mW Output – USHIO HL6750MG RLS / HL6750MG

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Laser USB 685nm 10mW

USB Powered Alignment Laser Diode Modules" software provides simple user adjustment of output power and modulation of the

Oct 15, 2025

DL685 Series 685nm Diode Laser System up to 20mW

Overview The DL685 series diode laser is ideal for applications that require a wavelength of 685nm and output power levels up to

Oct 27, 2025

Laser Diode HLD685035K5J Red Single Transverse Mode 685nm

Laser Diode HLD685035K5J Red Single Transverse Mode 685nm 35mW TO-18 5.6mm
Medical Laser Diodes Specifications:

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685nm Laser Diode, 20mW Butterfly Package | Single

The model LD4B-685-FP-20 is a Fabry-Perot laser diode offered in a single mode fiber-coupled butterfly

Feb 17, 2026

LASER TREE 685nm 20mW Red PM Fiber Coupled

\$326.00 USD Output Power: 20W 20W Wavelength: 685nm 685nm Fiber Connector:
FC FC SMA905

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685 nm lasers

Here is our selection of solid state 685 nm lasers. They are diode lasers with powers
up to 40 mW. Perfect for flow cytometry and

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Laser Diodes - Mouser

Laser diodes are available at Mouser Electronics from industry leading manufacturers.
Mouser is an authorized distributor for many

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685nm, 45mW Wavelength Stabilized Lasers

Ondax's 685nm Wavelength Stabilized Laser is a single mode, single frequency laser
packaged in an ultra-compact, TO-can

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Arktis Laser | Scientific Lasers | Arktis Laser

CW 685 nm Lasers The LRD-0685 Series of Collimated Diode (Semiconductor) Lasers are ideal for applications requiring a

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685 nm Archives

685 nm Showing all 7 results SKU: RLS / 685NM-20MW-PD-PMF ** This Product is Currently Unavailable ** 685nm Laser Diode,

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680nm high power laser diode with C-mount/E-mount/TO3 package

Wavespectrum offer the 670nm□680nm□685nm high power red laser diode,1W output power,C-mount/E-mount/TO3 package,FAC

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Laser Diodes, Modules

LT-LD-685-55M-O - Laser Diode 685nm 55mW from LASER TREE. View datasheets, pricing and availability from DigiKey now!

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685nm Red Laser Diode, 50mW Output, from USHIO

685nm, 50mW Red Laser Diode This 50mW USHIO 685nm red laser diode delivers CW output power for

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685nm 10mW Pigtailed Laser Diode

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

Contact Us

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