Reference Price for North Asia 635nm Laser Diode



Overview

635 nm Laser Diodes – MouserMouser offers inventory, pricing, & datasheets for 635 nm Laser Diodes. 635nm laser diod suppliers Find high quality 635nm Lase.

Key Takeaways

The reference price for 635nm laser diodes in North Asia typically ranges from around $5 to $50 per unit, depending on power output, module type, and supplier. Price OverviewLow-power diodes (1–5 mW): Compact micro LDM modules, suitable for alignment, positioning, or barcode scanning, are generally priced around $5–$15 per unit (Edmund Optics). Mid-power diodes (10–50 mW): Standard 635nm diodes for general-purpose applications, including optical communication and measurement, are typically in the $15–$30 range per unit (Alibaba, Mouser).

High-power diodes (50–200 mW or more): Industrial-grade modules with thermoelectric cooling, high spectral purity, and polarization control can cost $30–$50 or higher, depending on features and supplier.

Factors Affecting Price

Output Power: Higher optical output increases cost due to more advanced semiconductor design and thermal management. Module Type: Integrated modules with optics, automatic power control, or TECs are more expensive than bare diodes. Supplier and Region: Prices vary between distributors like Mouser, DigiKey, and Alibaba, and may include shipping or import fees for North Asia.



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Certifications and Reliability: IEC60825 compliance, ruggedized packaging, and long lifespan (10,000–50,000 hours) can increase unit cost.

Purchasing Tips

Compare multiple distributors to account for regional shipping and taxes. Check datasheets for operating voltage, current, and thermal requirements to ensure compatibility with your system. Consider bulk purchasing for cost reduction if large quantities are needed.

Ensure proper handling and storage to maintain diode lifespan and performance. In summary, for North Asia, a typical 635nm laser diode can be expected to cost between $5 and $50, with the exact price depending on power, module features, and supplier choice.

Article Content

635nm Laser Diode

Find reliable 635nm laser diode modules for industrial applications. Shop our collection of high-quality, customized laser diodes for precise positioning.

635nm Laser Diodes

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

Wholesale 635nm 30mW To18 5.6mm Package Laser Diode

The main products are semiconductor laser diodes and laser modules from 400nm to 980nm, RGB laser modules, and white laser light sources. The company is located in Dongkeng Town, Dongguan City,

5mW, 635nm 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

Rohm 635nm 5MW Laser Diode for Laser Pointer

The main products are semiconductor laser diodes and laser modules from 400nm to 980nm, RGB laser modules, and white laser light sources. The company is located in Dongkeng Town, Dongguan City,

635nm□638nm Laser Diode (high power Red LD)

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635nm 500mW laser diode,high power red LD,TO18,C-mount package,FAC optional. Wavespectrum offer 635nm□638nm high power laser diode with C-mount/TO3 package,300mW,500mW,0.5W

635nm laser diode suppliers

Alibaba offers 299 635nm Laser Diode Suppliers, and 635nm Laser Diode Manufacturers, Distributors, Factories, Companies. There are 172 OEM, 162 ODM, 57 Self Patent. Find high quality 635nm Laser

635 nm Laser Diodes – Mouser

635 nm Laser Diodes are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for 635 nm Laser Diodes.

Red Diode Laser 635nm, up to 100mW at best price in New

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Bulk-buy 635nm 30MW 5.6 mm Laser Diode price comparison

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635nm Laser Diode,100mW Output Power from CNI Laser

635nm, 100mW Laser Diode Module Overview: These 635nm laser diodes are offered in a standard coaxial package with multimode fiber pigtail. They are high reliability components. These red laser

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blue Line Cross Laser Module 150MW 635nm Laser Diode for Laser

Bulkbuy blue Line Cross Laser Module 150MW 635nm Laser Diode for Laser Scanning Radar price comparison, get China blue Line Cross Laser Module 150MW 635nm Laser Diode for Laser

635 nm Collimated Diode Laser System

635 nm Red Collimated Diode Laser System The LRD-0635 Series of Collimated Diode (Semiconductor) Lasers are ideal for applications requiring a wavelength of 635 nm and a wide range

Hl6312g Oshio Japan Red Laser diode 635nm 5mw 9mm

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Ismartlaser Mini 9x21mm 635nm 5mW Red Laser Diode Module New

Key attributes spare parts type red laser line diode module Wavelength 635 nm Operating Voltage DC3V Accessory Type Driver key selling points Competitive Price warranty 1 Year condition New

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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