

Asian Red Laser Diode Module



Article Overview

Asian red laser diode modules are high-performance semiconductor devices widely used in industrial, medical, consumer electronics, and emerging technologies, offering wavelengths typically between 630–690nm with output powers from milliwatts to several watts.

Overview and Specifications

Red laser diode modules are semiconductor devices that emit coherent light in the visible red spectrum, commonly between 630nm and 690nm, with some specialized modules at 635nm, 650nm, or 660nm . They are available in pigtailed or packaged forms, with output powers ranging from low-power modules (a few milliwatts) to high-power multi-watt devices suitable for projection or industrial applications . Asian manufacturers, including companies in Japan and broader Asia-Pacific, focus on high optical output, energy efficiency, and reliability, often leveraging advanced crystal growth and microfabrication technologies .

Applications

These modules are used across a wide range of sectors:

- **Industrial and Measurement:** Barcode scanners, laser marking, distance sensors, and factory automation systems .
- **Medical and Healthcare:** Photodynamic therapy, skin treatment, and analytical instruments .
- **Consumer Electronics:** Laser projectors, home cinema systems, and optical storage devices .

Article Content

Laser Diode Module 650nm 5mw Red Laser Diodes 2Pack (Cross)

Buy Qiaoba Laser Diode Module 650nm 5mw Red Laser Diodes 2Pack (Cross): Diode Lasers - Amazon FREE DELIVERY

Amazon : Laser Diode Red

Laser Diode 30Pcs 5V 650nm 5mW Mini Red Dot Laser Head, 6mm Outer Diameter Laser Module with Leads, for Arduino Laser DIY

Laser Diode Module Market Size & Opportunities, 2026-2033

The industrial segment is projected to capture 33% of the global laser diode module market share in 2026. Asia

Chinese Laser Diode Module Red suppliers, Laser Diode Module Red ...

Import China Laser Diode Module Red from various high quality Chinese Laser Diode Module Red suppliers on Global Sources.

China Red Line Laser Module Factory, Suppliers,

We're professional red line laser module manufacturers and suppliers in China, specialized in providing

405nm-980nm Red Visible Light Laser Diode Modules | Laser Diode ...

This series of red visible laser diode modules can be used in the temperature feedback system, vibration sensing, gas detection,

Red Line Laser Diode Modules : Calpac Lasers Diode Modules

Our Red Line Laser Diode Modules generate a clear reference point for many unique applications and are available in varying

635nm Red Laser Diode Module, High Brightness Red Laser Modules ...

635nm red laser module adopts compact version design with proper qualified 635nm red laser diode, optics, constant current electric

Laser Diode Modules, Green, Blue & Red | RS

Laser Modules Laser modules are packaged devices which contain a laser diode alongside other components, such as power

Laser Diodes, Modules | Optoelectronics | DigiKey

Laser Diodes, Modules Laser Diodes and Modules are semiconductor devices that can emit a beam of high intensity focused

Red Laser Diode Modules

Trader - Retailer of Red Laser Diode Modules - Red Diode Laser 635nm, up to 100mW, Low Noise Laser Diode, Red Laser Diode

Laser Diode Modules

Berlinlasers allows a wide selection of both standard and customize design laser diode modules with wavelength range including

Red Laser Diode | Laser Diode Module | Shengshi Optical

It uses a 635nm or 650nm red laser chip with an output power ranging from 1mW to 20mW. This device can be used as a fiber-optic

Red Laser Diodes

ROHM's red laser diodes are optimized for sensor applications such as barcode readers, ranging equipment, marking

Red laser | Product | Laser | Ushio Inc.

Red laser diodes are used in a wide variety of applications such as display & entertainment, medical &

US-Lasers

This feature enables a laser module to be used in hot sunshine, or high temperatures without blowing the

RGB Laser Modules

A display that uses a laser as a light source combines red (638 nm), green (520 nm), and blue (450 nm) laser beams, which are the

Configurable Red Laser Diode Modules

Red Laser Diode Modules available in wavelengths from 630nm to 740nm and in a range of form factors. Click for more information.

"Red Laser Diode Module"

Verified suppliers share guides for design and can match latest laser diode trends. Start with a price request or sample RFQ to

Red Laser Diode Modules

For over 25 years Midwest Laser Products has been providing quality and reliable laser diode modules at affordable prices.

Arima Lasers product line: Red laser diode, IR diodes, Laser diode ...

Arima Lasers offer laser diodes, 940nm/ 830nm/ 780nm/ 808nm/ 830nm/ 850nm/ 650nm/ 635nm/ 630nm laser diodes, laser modules

Red Laser Modules: ML-Series Red Laser diode modules

ML-Series Laser modules are fully self-contained with integrated laser driver circuit, surface polished glass

"Red Diode Laser Module"

Upgrade your Laser Diode with the elegant and durable Red Diode Laser Module. To source laser diodes with OEM or custom specs,

Contact Us

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

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

Email: info@jrsekwele.co.za

Phone: +31-20-794-2536

Address: Herengracht 47, 1015 BB Amsterdam, Netherlands

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