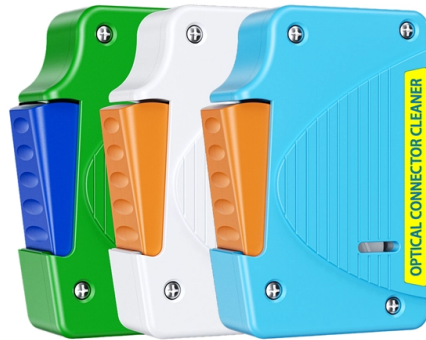


UK 450nm Laser Diode Reference Price



AI Overview

450nm laser diodes in the UK range from approximately £10 for low-power diodes to over £200 for high-power modules. Typical Price Ranges

Low-power 450nm laser diodes (≤ 100 mW): Standard diodes such as the ams OSRAM PLT3 450GB 100 mW, 3-Pin TO-38 package are available from RS Components and similar suppliers, typically priced around £15–£25 per unit, depending on stock and shipping options.

Medium-power diodes (100–500 mW): These are often used in lab or hobbyist applications and can range from £30–£80, available from distributors like Mouser and Farnell.

High-power laser modules (1–4 W): Industrial-grade 450nm modules, such as the 4W adjustable blue laser dot module, are sold on platforms like eBay and can cost £150–£250, depending on features like TTL modulation, cooling, and casing.

Supplier Options in the UK:

- Mouser Electronics UK:** Offers a wide inventory of 450nm laser diodes with datasheets and technical support, suitable for both hobbyist and professional use.
- RS Components UK:** Stocks ams OSRAM 450nm diodes with free next-day delivery and detailed specifications.
- Farnell UK:** Provides a broad range of 450nm laser products, including fast quotes, same-day dispatch, and technical support.
- eBay UK:** Offers high-power industrial modules with adjustable output, suitable for engraving or cutting applications, though shipping and handling should be carefully considered.

Notes on Pricing: Prices vary based on power output, package type, and supplier. High-power modules often include additional electronics for modulation and cooling, which increases cost. Bulk orders or distributor accounts may provide discounted pricing. For accurate budgeting, it is recommended to check the supplier websites directly, as stock levels and promotions can affect the final price.

Article Content

Laser Diode | VCSEL| RS

Laser diodes are semiconductor devices which closely resemble an LED (light emitting diode). You can find out more in our laser diodes guide. How do they work? Laser diodes work in a very similar way

Laser Diodes – Mouser United Kingdom

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

450nm laser diode from 50mW up to 20W – fiber coupled 450 nm laser diode

These single-mode and multi-mode fiber-coupled 450nm laser diodes are offered as stock items or associated with a CW or pulsed Turn

Laser Diodes

Buy Laser Diodes. Farnell® UK offers fast quotes, same day dispatch, fast delivery, wide inventory, datasheets & technical support.

PLPT5 450KA AMS OSRAM GROUP, Laser Diode, 447 nm, 3 Pins ...

Buy PLPT5 450KA - AMS OSRAM GROUP - Laser Diode, 447 nm, 3 Pins, TO-56, 2.4 W. Farnell® UK offers fast quotes, same day dispatch, fast delivery, wide inventory, datasheets & technical support.

1pcs New Nichia NUBM0F 450nm 455nm 5.5W Blue 9.0mm Laser Diode

1x NUBM0F Laser. Typical wavelength: 455nm 450nm. Threshold current: 240mA-440mA.

450nm Laser Products | Farnell UK

Buy 450nm Laser Products. Farnell UK offers fast quotes, same day dispatch, fast delivery, wide inventory, datasheets & technical support.

Blue Laser 445nm 447nm 450nm 2W Diode Module Focusable

Package: 1pc 450nm 2W Focusable Laser Module With Blue Diode and TTL DC12V + fan cooling + long-term operation Payment Method: PayPal preferred Shippment: 1.We provide free

Power Technology Grande Series High Power Laser Diode 450nm to

Summary Box: Continuous wave diode laser with wavelengths from 450 to 980nm, power from 0.65 to 10W and optional output power modulation. Description: The Grande laser provides up to 20W of

450 nm Newest Laser Diodes – Mouser United Kingdom

450 nm Laser Diodes are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for 450 nm Laser Diodes.

450nm Laser Products

Buy 450nm Laser Products. Farnell® UK offers fast quotes, same day dispatch, fast delivery, wide inventory, datasheets & technical support.

450nm laser diode from 50mW up to 20W – fiber coupled 450 nm laser diode

These fiber-coupled 450nm laser diodes are offered as stock items or associated with a CW or Pulsed Laser Diode Driver. They are

50 mW 450 nm Laser Diode

50 mW 450 nm Laser Diode The increasing demand for cost effective blue laser diodes has resulted in higher production quantities and so lower cost devices. LASER COMPONENTS is

ams OSRAM PLT3 450GB Blue Laser Diode 450 nm 100 mW, 3-Pin

The ams OSRAM Blue Laser diode emit highly concentrated visible and non visible light which can be hazardous to the human eye. Products which incorporate these devices have to follow the safety

450 nm laser diode

Brands Price - OK Ship From Sort by Popular Newest Most Reviews Price Inclusive of VAT Focusable 200-250mW 650nm Laser Module Red Dot Laser Generator Diode Replacement Mini DIY Engraver

Blue 450 nm Laser Diodes – Mouser

Blue 450 nm Laser Diodes are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Blue 450 nm Laser Diodes.

2pcs GH04C01B2G 450nm 1800mW Blue SHARP Laser Diode

The boards are very fairly priced considering their superb quality, and the vendor was very helpful in responding to my query. Many thanks for the brilliant service.

405nm Laser Diodes

SHOP 405nm Laser Diodes from All of the Leading Brands -- NICHIA, Ushio, Osram -- Unbiased SELECTION GUIDE, Get the Best Prices on LaserDiodeSource

450 nm Laser Diodes – Mouser

Mouser offers inventory, pricing, & datasheets for 450 nm Laser Diodes.

ams OSRAM Blue Laser Diode 450 nm 100 mW, 3-Pin TO-38 package

The laser diode must be operated with a suitable power supply with minimized electrical noise. The laser diode is very sensitive to electrostatic discharge.

Amazon : 450nm Laser

Browse 450nm blue laser options including line modules, crosshair lasers, and engraver heads. Perfect for wood and fabric cutting.

1pcs Osram PL450B 450nm 80mW-100mW Blue 3.8mm Single Mode

450nm 80mW Blue 3.8mm Laser Diode Original OSRAM PL450B. 1x 450nm 80MW 3.8mm Laser Diode. Wavelength: 450nm (± 5 nm). Max power: 80mW. Size: 3.8mm TO38. CW

Contact Us

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