

# Singapore Blue Laser Diode Module



## Overview

Operating Current:  $I < 100\text{mA}$  Duty Cycle: 45 seconds on, 15 seconds off Dimensions: 12\*12\*30mm Feature: This is 450nm 50mW pure blue laser module with built-in driver with working voltage 3. 450nm laser is much brighter than 405nm violet/purple laser. Configure the right blue laser module for your application from a wide range of laser module platforms with wavelength, beam shape, output power, and electronic options. ProPhotonix' innovative design and tight tolerances in production ensure reliability and maximum lifetime. We provide various high-quality low-price lasers & optics for OEM and end users. The company is managed by experienced professionals. Specialized in laser, optics, laser parts & machines - CO2 laser, fiber laser, DPSS laser, diode laser, fs & ps lasers, microchip laser, red and blue laser, green laser, single frequency laser, DFB diode, superluminescent diode, meta lens, f-theta lens, beam expander, micro & nano optics, Moire. Modulation Frequency: >500Mhz digital. Modulation Frequency: >500Mhz digital.



## Article Content

Blue Lasers | 420-499nm, pulsed, CW & diode lasers

Shop RPMC's Blue lasers: 420-499nm, pulsed, CW & diode lasers, for various research & industrial applications like copper & non-ferrous metal welding

The Blue Laser and Its Applications in Industry and

Blue Laser, its advantages and applications. State-of-the-art blue semiconductor laser modules make a reliable and cost-effective choice for numerous purposes.

Laser Diodes - Mouser Singapore

Laser diodes are available at Mouser Electronics from industry leading manufacturers. Mouser is an authorized distributor for many laser diode manufacturers including ams Osram, KYOCERA AVX,

Laser Diode Modules, Laser Modules, Diode Module

All laser sources pass through optimization of thermal stabilization, protection under shock or vibration, generating stable laser light source emitting. Laser diode

488nm 5mW-80mW Blue Laser Diode Modules

488nm blue laser diode module projects high brightness sky blue laser light of beam aperture, and gets peak wavelength of 488nm. It provides users

Blue Laser Diode Modules

Blue laser modules are available at 375nm, 405nm, 440nm, 473nm and 488nm wavelengths. Blue Laser Modules are fully self-contained with an integrated

445-495nm Blue Laser Module

Laserland provide 450nm 462nm 473nm blue diode laser module with dot/spot/point, line and cross-hair generator lens, and the power range from 1mW, 5mW, 10mW, 30mW, 50mW, 80mW, 100mW,

405nm BLUE VIOLET

Fully-Customizable Diode Laser Modules Diode Laser Concepts, Inc. has added 405nm blue-violet diode laser modules to its standard product offerings. These 405nm modules are available in all of

Laser Diodes, Modules | Optoelectronics | DigiKey

Laser Diodes, Modules Laser Diodes and Modules are semiconductor devices that can emit a beam of high intensity focused radiation, typically in the infrared,

450 nm 80mW Osram Blue Diode

Laser diodes need appropriate heat-sinking and power supply to operate. APS offers plug-and-play products to operate diodes, such as the SmartLaser or

Laser Manufacturer & Supplier in Singapore

Specialized in laser, optics & laser components - CO2 laser, fiber laser, DPSS laser, diode laser, red and blue laser, green laser, mirror, output coupler, scan

Compact Blue Laser Diode Modules

All of our laser modules are designed for compactness, ease of use, and integration into your system. Many of our laser modules can be configured to output blue

Laser Module Blue Diode 450nm (Industrial Blue Laser)445nm

Qiaoba Laser Module Blue Diode 450nm (Industrial Blue Laser)445nm : Amazon : Industrial & Scientific About this item Focusable 445nm 5mw violet laser module If laser spot is not dot when you

Blue Laser Diode Modules Online | World Star Tech

High-performance blue and violet laser modules for precision applications. Explore solutions designed for unmatched accuracy. Power your projects!

Laser diode module blue

Small, compact and reliable diode laser module with blue 450nm @ 40mW. Adjustable collimator for customer specific focal length. Power: ca. 40mW Wavelength: 450nm (blue) Voltage: 3 -4VDC /

Laser Modules

ProPhotonix also partners with leading manufacturers to develop laser modules for life science applications, scientific instrumentation, particle measurement, 3D

Blue Laser Diode Modules Online | World Star Tech

Blue laser modules are available at 375 nm, 405nm, 440nm, 473nm and 488nm wavelengths. Blue Laser Modules are fully self-contained with an integrated

Blue Laser Modules

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Analysis of 488nm Blue Laser Diode Module | Berlinlasers

488nm blue laser diode module applies a qualified semiconductor laser diode, by connecting with electric current, it enables high density and high

Newest Laser Diodes – Mouser Singapore

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

Quality Diode Laser Module & Fiber Coupled Diode

China leading provider of Diode Laser Module and Fiber Coupled Diode Laser, BWT Beijing Ltd. is Fiber Coupled Diode Laser factory.

Laser Manufacturer & Supplier in Singapore

Sintec Optronics Pte Ltd is a Singapore-based supplier and manufacturer of a wide range of photonics products (lasers, laser parts, and relevant accessories). It is managed by experienced professionals

445nm Blue Laser Diode Module

445nm blue laser diode module employs genuine quality blue laser diode with glass window for dust proof, glass cylindrical lens, APC and ACC high performance

Blue Laser Modules

Its integrated design incorporates an aspherical glass mold lens, a laser diode, and an APC driver circuit, ensuring high stability and efficiency for positioning,

Focusable 450nm 50mW Laser Diode Module Dot Blue light 3-5V

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Sintec Optronics Pte Ltd-One-stop Shop for Optics,

We, Sintec Optronics Pte Ltd, are a Singapore-based supplier of a wide range of photonics products (lasers, optical components, laser parts and relevant

ams OSRAM 455 nm High-Efficiency Blue Laser Diode

Introducing the New High-Efficiency Blue Laser Diode with 455 nm Wavelength Premstaetten (Austria) and Munich (Germany), (March 05, 2025) – ams

## Contact Us

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