

British 405nm laser diode



Overview

Our Violet 405nm laser diodes, based on GaN/InGaN technology, deliver near-UV performance for cutting-edge biomedical, optical, and industrial applications, including fluorescence microscopy, particle image velocimetry (PIV), photolithography, optical data storage, and more. 405nm laser diodes are based on a heterostructure with either gallium nitride or indium gallium nitride quantum wells. Its meticulously engineered single-mode characteristics make it an. Buy RS PRO Blue-Violet Laser Diode 405nm 140mW, 3-Pin TO-18 package. Browse our latest Laser Diodes offers. PSU-LED, output power adjustable by knob, contains operating current LED display, 90 - 264 VAC. <3 % and <1 % TTL and Analog modulation are available up to 30kHz. BK7 glass, available fan angles are 7°, 10°, 30°, 45°, 60°, 75° and 90°. MM fiber, different fiber cores, FC or SMA905 connector.



Article Content

405nm Laser Diodes for Medical Bio & Industrial | Shop

Discover versatile 405nm laser diodes that suit your OEM or lab application. Expert assistance in selecting the perfect configuration awaits.

405 nm SLM Laser (VBG Diode; PM Fiber)

DESCRIPTION Polarization-maintaining (PM) fiber-coupled SLM 405 laser is distinguished by a very good beam quality and homogeneity. Integrated power electronics and monolithic fiber attachment

405 nm Lasers

405 nm Lasers This is 405 nm coherent diode laser with power ranging up to 130 mW in free-space. Violet laser radiation is particularly useful in direct curing of

405 nm SLM Laser

This laser provides a stable and narrow linewidth output at a 405 nm wavelength. Its meticulously engineered single-mode characteristics make it an ideal tool for

405nm Laser Diodes

This wavelength and laser type is used more than any other in the blue range. Its use in high volume consumer product applications forced economies of scale which make this laser diode wavelength

405nm Laser Diode – BeamQ Laser

405nm laser diodes have violet color. BeamQ All kinds 405nm Diode s. 405nm laser diodes are based on a heterostructure with either gallium nitride or indium

405nm Laser Diodes for Medical Bio & Industrial | Shop

Our Violet 405nm laser diodes, based on GaN/InGaN technology, deliver near- UV performance for cutting-edge biomedical, optical, and industrial applications,

405 nm Laser Range

405nm Laser Diodes Apart from laser modules, we can also provide various 405 nm laser diodes for your use, from 20 mW to 1 W of laser power, and from laser

High Power 976 nm Spectrum Stabilized Multi-Mode Pump Laser

405 nm Diode Lasers 14-pin BF, D-type OEM Module & Turn-key Systems RPMC's proprietary Single-Mode Spectrum Stabilized Laser features high output power with ultra-narrow spectral bandwidth

DIODE LASER SYSTEMS

RLTMFC series combined laser diode, laser cavity, fiber coupling, power supply, LED display and crystal temperature control in one box. RLTMxL FOC, contains

RS PRO Blue-Violet Laser Diode 405nm 140mW, 3-Pin TO-18 package

Buy RS PRO Blue-Violet Laser Diode 405nm 140mW, 3-Pin TO-18 package . Browse our latest Laser Diodes offers. Free Next Day Delivery available.

D405-120 US-Lasers Inc. | Laser Diodes, Modules

Buy now, ships today. D405-120 - Laser Diode 405nm 120mW 4.8V 150mA Radial, Can, 3 Lead (5.6mm, TO-18) from US-Lasers Inc.. View datasheets, pricing and

405nm Laser Diodes

405nm laser diodes are based on a heterostructure with either gallium nitride or indium gallium nitride quantum wells. As a semiconductor laser diode (non-DPSS), they are available at output powers

405nm, 200mW Laser Diode

The 405nm Compact Laser Diode Module from Laser Components is a high-reliability laser diode with a visible light wavelength of 405nm and an output

405nm Fiber Coupled Diode Laser System

405nm Fiber Coupled Diode Laser System 405 semiconductor laser subsystem can provide power output from 12W to 50W, widely used in LDI/maskless lithography

405nm 250mW Single Mode Laser Diode Module

BBN International supplies fibre optics, fiber optics, Wavespectrum, laser diode module, single mode, 405nm, 250mW, TO-18, 5.6mm

405 nm Laser Range

A typical 405 nm laser contains several 405 nm laser diodes and specialized optics. Characterized by its short wavelength, this type of laser is known for its ability to

405 nm Blue-Violet Laser Diodes

405 nm blue-violet laser diodes, the NV4V31MF-A, NV4V31SF-A and NV4V41SF-A, are designed for precision measurement, printing, and imaging applications.

405nm Laser Diode, 120mW Output Power from CNI Laser

These 405nm blue laser diodes are offered by CNI Lasers, fulfilled by Laser Lab Source. These single mode lasers offer a peak wavelength at 405nm with up to

405 nm SLM Laser (VBG Diode; MM Fiber)

DESCRIPTION Single-frequency (SLM) 405 nm lasers are widely used in compact Raman spectrometers. Small footprint and +5VDC (USB typical) operating voltage is exactly what's needed

405 nm Collimated Diode Laser System

405 nm Violet Collimated Diode Laser System The LRD-0405 Series of Collimated Diode (Semiconductor) Lasers are ideal for applications requiring a short

Violet/Blue 5mW 405nm Focusable Dot Line Cross Laser Diode

3in1 Dot/Line/Cross Focusable 405nm 5mW Violet Blue Laser Diode Module. 1x 405nm 5mw laser diode module. Focusable :Yes. Laser reflects blue/violet light depend on materials. Violet

405nm 300mW Laser Diode, ø5.6mm (TO-18) Package

Proper heat sinking of the device assures stability and lifetime. Always ensure that maximum operating temperatures are not exceeded. Observing visible or invisible laser beams with human eye directly,

BDR-209 405nm 500-900mW Blue-violet Cut-pin Laser

Extracted 405nm diode, new with short cut pins. In our tests (mounted in a fan-cooled heatsink with driver) these diodes output up to 900mW without burning

405 nm SLM Laser

405 nm single longitudinal mode (SLM) diode laser, purpose-built for the demanding realm of quantum cryptography. Its exceptional coherence and minimal linewidth

405 nm SLM Laser

Description High-performance 405 nm single longitudinal mode (SLM) laser, designed with precision for applications in Raman scattering and fluorescence

405 nm Laser

Description Polarization-maintaining fiber-coupled 405 nm diode laser features extreme brightness combined with perfect beam shape and virtually perfect

Contact Us

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