Dutch 405nm Laser Diode Brand

Overview

Designed to replace expensive DFB, DBR, fiber, and external cavity lasers, the Single-Mode Spectrum Stabilized Laser offers superior wavelength stability over time, temperature (0. 007 nm/0C), and vibration, and is manufactured to meet the most demanding wavelength requirements. 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. With multimode outputs. Check each product page for other buying options. As a semiconductor laser diode (non-DPSS), they are available at output powers from a few milliwatts up to approximately 1200 milliwatts. Its compactness, excellent spatial mode, optical noise performance, high reliability and ample interface facilities are optimum for system built-in laser for various optical applications such as. PSU-LED, output power adjustable by knob, contains operating current LED display, 90 - 264 VAC. BK7 glass, available fan angles are 7°, 10°, 30°, 45°, 60°, 75° and 90°. MM fiber, different fiber cores, FC or SMA905 connector. The most common blue lasers are the diode.

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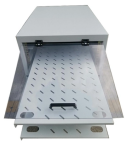
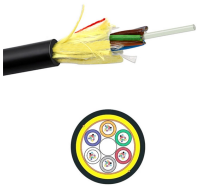


This 405 nm, 175 mW TO packaged laser diode is a compact light source that outputs a single transverse mode and is suited for a variety of applications such as bio and medical, 3D printing, or ...

Laser Module 405nm Violet Purple Blue Laser "Dot" Diode (Adjust Focus 5mw DC3V-5V) Add to cart



RLTMFC series combined laser diode, laser cavity, fiber coupling, power supply, LED display and crystal temperature control in one box. RLTMxL FOC, contains a AR-coated aspheric lens to connect ...

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Laser diode provided by CNI laser at 405 nm provide state-of-the-art power and brightness. The single mode, narrow line width, small emitting aperture, combined with low beam divergence, make these ...

Designed to replace expensive DFB, DBR, fiber, and external cavity lasers, the Single-Mode Spectrum Stabilized Laser offers superior wavelength stability over time, temperature (0.007 nm/0C), and ...

The company credited with the creation of the 405nm laser diode, Nichia Corporation, is still the primary manufacturer of this laser wavelength. Other companies who manufacturer these devices include ...

405nm laser diodes are based on a heterostructure with either gallium nitride or indium gallium nitride quantum wells. As a semiconductor laser diode (not DPSS lasers), they are available at output ...

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 diode manufacturers such as Ushio, Sony and Sharp.

Contact Us

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

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