





355nm UV Multimode Fiber



Optical fibers for 355nm pulsed lasers and high-power broadband

In the past, the spectral stability of multimode UV-fibers has been mainly characterized using deuterium lamps with a broadband spectrum in the DUV. In meantime, new UV light-sources with higher

High Power LED modules

Omicron Lasertechnik's new LEDMOD365.100 TEC-cooled UV-A LED modules provide up to 100mW at 365nm. The LEDMOD365.100 emits pure UV-A light at 365nm and is available in a free emission



Large Core Fiber Coupler (Multimode Fiber Optic Splitter)

The operating wavelength of Lfiber's high power multimode fiber optic splitter is optional on request within UV-VIS-NIR (Ultraviolet, Visible, and Near-infrared)

Fiber Couplers

Silicon Lightwave's fiber coupler splits or combines light at operating wavelength from 350-2000nm. A variety of fiber types are available including singlemode, multimode, PM, POF, PCF, Mid-IR fibers.



ULPN-355-QCW High Power UV Fiber Laser

The ULPN-355 series utilizes extremely reliable and efficient fiber laser



355 nm UV laser

High frequency all fiber pulsed laser at 355nm is made features of high output power stability, good beam profile, ultra compact, long lifetime, low cost and easy



355nm Nanosecond Solid State & Fiber Lasers

355 nm 300 μ J High Power Industrial Nanosecond UV Laser; Up to 100kHz repetition rate; RS232 or external GATE control; Very compact design
Elixir Photonics Incorporated





Ultraviolet Laser: All You Need to Know About UV Lasers

With their unmatched ability to process materials with high precision and minimal thermal damage, Ultraviolet (UV) lasers have become essential tools



An Extensive Library of Self-Developed Products



UV Pulsed laser 355nm 16mW Fiber Coupled Laser Source

UV Pulsed laser 355nm 16mW Fiber Coupled Laser Source Note: The parameters of each 355nm laser vary considerably during manufacturing. The parameters listed below are for illustrative purposes



kineFLEX UV/HPV Fiber Optic Beam Delivery System

These fiber delivery systems are designed around pre-focused and integrated optical assemblies. The fiber is automatically mode-matched to your laser parameters to



Low noise CW 355 nm generation by simple single pass

Low noise CW 355nm with more than 50 mW was generated by frequency conversion of 1064 nm fiber based laser with simple cascaded single pass configuration using two PPMgSLTs.



Pulsed UV fiber laser in a very compact module

Pulsed UV fiber laser is emitting at 355nm and delivering high peak power up to 2kW in a compact module. Low power consumption allows on board applications.



355nm Lasers , Nd:YAG UV DPSS Laser Solutions

Our 355nm lasers, the third harmonic of 1064nm (Nd:YAG), deliver high-precision UV output for advanced industrial and scientific applications. With nanosecond pulse

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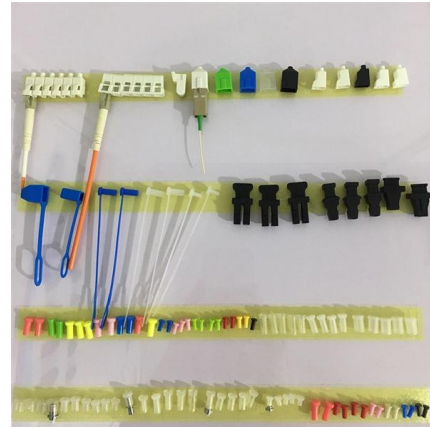
kineFLEX UV/HPV Fiber Optic Beam Delivery System

The kineFLEX-HPV(TM) and kineFLEX-UV(TM) are robust laser beam delivery systems for single wavelengths in High-Power 405-640 nm and UV 355 nm and 375 nm.



355nm UV Ultraviolet laser.

Green laser, blue laser, red laser, yellow laser, infrared laser and UV ultraviolet Laser systems are manufactured by CNILaser. They are ultra-compact diode-pumped



Roithner Lasertechnik

Output Stability: < 5 % Line Generator: BK7 glass, available fan angles are 7°, 10°, 30°, 45°, 60°, 75° and 90°. Fiber coupling: MM fiber, different

Improvement of optical damage in specialty fiber at 266 nm wavelength

Improved multimode UV-fibers with core diameters ranging from 70 to 600 um diameter have been manufactured based on novel preform modifications and fiber processing techniques. Only E'-centers



Fiber phase conjugators at 1064-nm, 532-nm, and 355-nm wavelengths

Undoped multimode quartz fibers can be used as effective phase conjugators with high fidelity and reflectivity for improving the beam quality of lasers with high average power. Such phase conjugators



Multi-mode fibers

Intensity profile of multi-mode fibers Influence of coherence of the laser on the beam profile of multimode fibers The intensity profile of a multi-mode fiber strongly

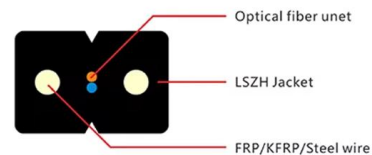


Fiber Coupled LED 365 nm

Introduction The new compact fiber-coupled high power LED light source module at 365 nm is an effective replacement of UV lasers and Hg lamps in many applications, such as spectroscopy,

Optical fibers for 355nm pulsed lasers and high-power broadband light

Because of better beam quality, multimode all-silica fibers with core diameter smaller than 100 um can be recommended. A new step-index fiber with a large cladding-to-core ratio will be



>220W output power at 355nm from a Q-switched diode

The combination of high peak power and high average power in a multimode beam enables the use of low maintenance, low cost of ownership



High-power 355 nm ultraviolet lasers operating at ultrahigh repetition

Abstract In this letter, we demonstrate a novel 355 nm ultraviolet (UV) laser operating at ultrahigh repetition rate from 300 kHz to 1 MHz. The hybrid fiber-MOPA-bulk amplifiers based IR



Exploring UV Laser Light: Applications of 355nm,

Learn about UV laser light technology, including 355nm and 365nm ultraviolet lasers, UV fiber lasers, and deep UV solutions. Explore how these high-energy lasers

(PDF) High-power, high-repetition-rate, Yb-fiber laser

Abstract and Figures We report on the development of a high-power, high-repetition-rate, fiber laser based source of ultrafast ultraviolet (UV) radiation.



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