

## **D2 optical module emits light**



### **Overview**

FiberLight® D2 is a compact UV-Vis light source designed for mobile spectroscopy applications and all types of handheld devices that require a low power consumption. It has a continuous spectrum covering the whole range from vacuum UV to near Infrared. The Lumentum D2 Series is dual-chip 980 nm pump module with each emitter independently controlled. It uses a number of revolutionary design steps to provide high optical power density within a compact space. The D2 Series pump module incorporates the Lumentum high-reliability, high-efficiency 980 nm. Hamamatsu deuterium lamps (D2 lamps) deliver a long lifetime, excellent stability, and high output to the highest levels to allow users to obtain the maximum performance characteristics from their equipment. The use of rotatable waveplates at the. The D2-200 laser module is a complete redesign of our robust Distributed Bragg Reflector (DBR) diode laser.



## Article Content

### D2 DBR Laser Module

Featuring an advanced Virtual Point Source (VPS) Distributed Bragg Reflector (DBR) diode laser, the D2-200 laser module features dual-stage temperature control, optical isolation, and wide mode-hop ...

### DEUTERIUM LAMPS (D2 LAMPS)

Deuterium lamps are light source lamps that utilize an arc discharge in deuterium (D2) gas. They emit an intense spectrum in the UV region and have feature of unrivaled stability compared to other UV ...

### 2 x 800 mW Fiber Bragg Grating Stabilized 980 nm Pump Modules

The Lumentum D2 Series is a dual-chip 980 nm pump module with each emitter independently controlled. It uses a number of revolutionary design steps to provide high optical power density within ...

### FiberLight D2 Lamp System | Excelitas

FiberLight D2 is the ideal light source for applications with limited space for equipment, whether stationary, portable/handheld, or even battery-driven instruments. Low power consumption, small ...

### Vescent Accessory Modules

The D2-120 is designed to facilitate coupling of a laser beam into either a single or multimode optical fiber. This module incorporates an optional 35 dB optical isolator, prior to the fiber facet, to reduce ...

### Deuterium/Tungsten Light Source

ion and low power consumption. The 3W Tungsten (W) Halogen lamp shares the optical path with the Deuterium (D2) lam and provides Vis/NIR emission. The BDS100 features safety shutter and ...

### 2 x 800 mW Fiber Bragg Grating Stabilized 980 nm Pump ...

The D2 pump module, which uses fiber Bragg grating stabilization to lock the emission wavelength, provides a noise-free, narrowband spectrum, even under changes in temperature, drive current, and ...

### Ketra D2 Installation Guide (3663029)

All models include wireless communication, field changeable optics, and field replaceable electronics. With an abundance of trim and optic accessories, the D2 is ideal for a large variety of applications. ...

### TLS 1017E01

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#### Heraeus FiberLight® D2 Modules

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#### D2 Series

The D2 Series from Lumentum is a Pump Laser Module that incorporates a 980 nm Laser Diode in a cooled fiber Bragg grating-stabilized design. This dual-chip module has independently-controlled ...

#### D2 Optical Heterodyne Module

Vescent's D2-250 optical heterodyne module is designed for accurate laser frequency comparison, beat-note detection, and advanced spectroscopy applications.

## Contact Us

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

Website: <https://budowasilesia.pl>

Email: [contact@budowasilesia.pl](mailto:contact@budowasilesia.pl)

Phone: +48 537 192 846

Address: ul. Chorzowska 45, 40-001 Katowice, Silesian Voivodeship, Poland

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