

DLM 200-400

Water-cooled Diode Laser Module



Applications

- ▶ Optical Pumping
- ▶ Soldering
- ▶ Plastics Welding
- ▶ Materials Processing
- ▶ FPD Bonding
- ▶ Medical



Features

- ▶ Output Power up to 400 W
- ▶ 915, 940, 960, and 970 nm Central Wavelengths
- ▶ Narrow Emission Linewidth with Wavelength Stabilization Option
- ▶ 5-mm Collimator and Bare Fiber Termination Options
- ▶ Red Guide Laser Option
- ▶ Compact Size

IPG's Diode Laser Modules are turnkey water-cooled diode systems with integrated driver electronics and cooling features. With output powers of 200 or 400 W, these compact modules are multi-mode with center wavelength options of 915, 940, 960 and 970 nm. The water-cooled DLM-series is available with a range of output options including collimator or bare fiber termination. A red guide laser option is also available.

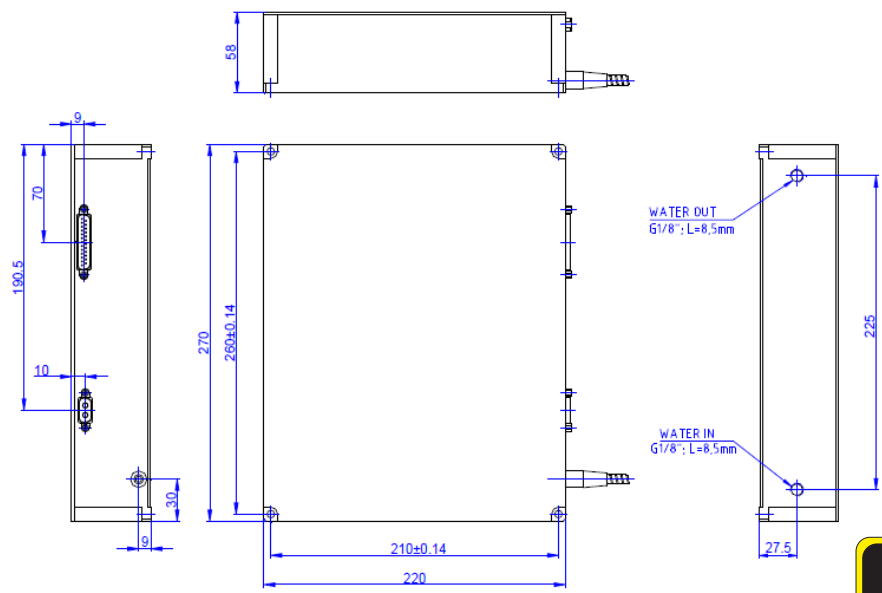
IPG's diode modules are attractively priced for OEMs and integrators and serve a wide range of medical, materials processing and laser pumping applications.

DLM 200-400

Water-Cooled Diode Laser Module

Optical Characteristics	DLM-200	DLM-400
Central Wavelength, nm	915, 940, 960, 970	
Linewidth FWHM, nm	5	
Mode of Operation	CW/ Modulated	
Maximum Output Power, W	200	400
Maximum Modulation Frequency, kHz	50	
Power Stability, %	± 3	
Standard Fiber Termination	5 mm Collimator	
Bare Fiber Termination Option, μm	Multi-mode, 200	Multi-mode, 400

General Characteristics	
Module Dimensions, mm	270 x 60 x 220
Cooling	Water-cooled
Control Interface	DB-25
Supply Voltage, VDC	27
Power Consumption, W	850



+1 (508) 373-1100
 sales.us@ipgphotonics.com
www.ipgphotonics.com

MAXIMUM OUTPUT POWER: 420 W
 WAVELENGTH RANGE: 900-980 nm

VISIBLE AND/OR INVISIBLE LASER RADIATION
 AVOID EYE OR SKIN EXPOSURE
 TO DIRECT OR SCATTERED RADIATION
 CLASS 4 LASER PRODUCT
 Per IEC 60825-1:2007; 21 CFR 1040.10 (g)

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