DLM 100-200
Air-cooled Diode Laser Module

Applications

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

Features

- Output Power up to 200 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 air-cooled diode systems with integrated driver electronics and cooling features. With output powers of 100 or 200 W, these compact modules are multi-mode with center wavelength options of 915, 940, 960 and 970 nm. The air-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.

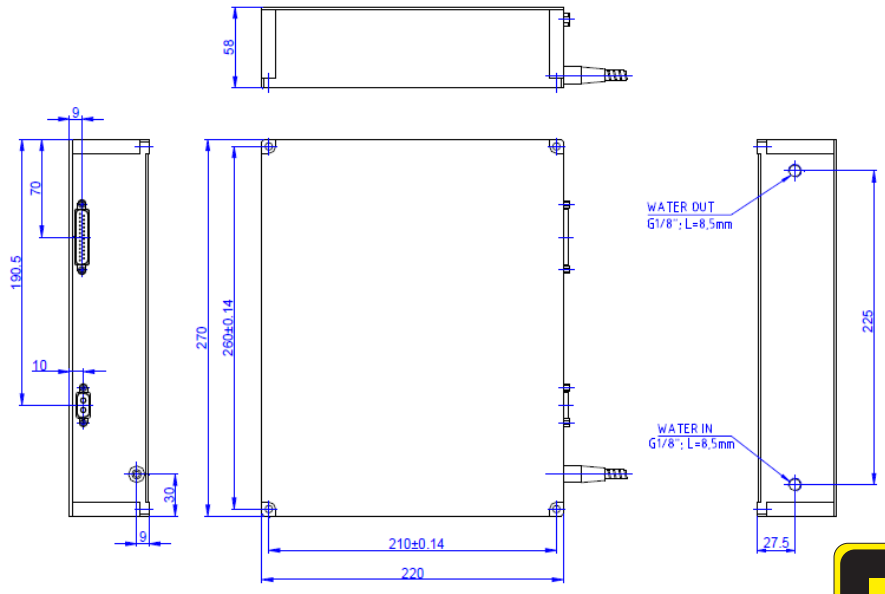
DLM 100-200

Air-cooled Diode Laser Module

Optical Characteristics	DLM-100	DLM-200
Central Wavelength, nm	915, 940, 960, 970	
Linewidth FWHM, nm	5	
Mode of Operation	CW/ Modulated	
Maximum Output Power, W	100	200
Maximum Modulation Frequency, kHz	50	
Power Stability, %	± 1	
Standard Fiber Termination	5 mm Collimator	
Bare Fiber Termination Option	Multimode, 200 μm	

General Characteristics

Module Dimensions, mm	270 x 60 x 220	
Cooling	Air-cooled	
Control Interface	DB-25	
Maximum Supply Voltage, VDC	27	
Maximum Power Consumption, W	250	500



MAXIMUM OUTPUT POWER: 120 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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