

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.

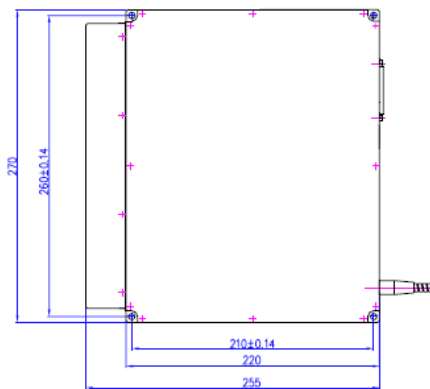
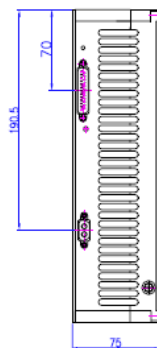
IPG's diode modules are attractively priced for OEMs and integrators and serve a wide range of medical, materials processing and laser pumping applications.

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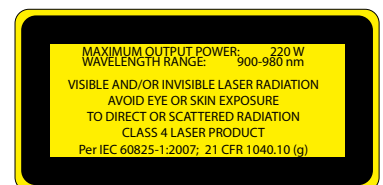
Optical Characteristics	DLM-100	DLM-200
Central Wavelength, nm	915, 940, 960, 970	
Linewidth FWHM, nm	5	
Mode of Operation	CW/ Modulated	
Maximum Output Power, W	100	200
Maximum Modulation Frequency, kHz	50	
Power Stability, %	± 1	
Standard Fiber Termination	5 mm Collimator	
Bare Fiber Termination Option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

General Characteristics		
Module Dimensions, mm	270 x 60 x 220	
Cooling	Air-cooled	
Control Interface	DB-25	
Maximum Supply Voltage, VDC	24	
Maximum Power Consumption, W	250	500



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