



# DLM Series

## Diode Laser Modules

NEW PRODUCT

Output Power up to 700 W



### Applications

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



### Features

- ▶ Output Power up to 700 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 up to 700 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 Series

## Diode Laser Modules

Optical Characteristics	DLM-200	DLM-300	DLM-700
Central Wavelength, nm		915, 940, 960, 970	
Linewidth FWHM, nm		5	
Mode of Operation		CW/Modulated	
Max. Output Power, W	200	300	700
Max. Modulation Frequency, kHz		50	
Power Stability, %		±3	
Fiber Termination*		Collimator or LC8 Connector	
Bare Fiber Termination Option, μm	150	150	200

\*Different output termination options are available upon request.

General Characteristics	
Air-cooled Module Dimensions (W × D × H), mm	270 × 220 × 75
Water-cooled Module Dimensions (W × D × H), mm	270 × 220 × 58
Control Interface	DB-25
Electrical Efficiency	50% Typ.

+1 (508) 373-1100  
 sales.us@ipgphotonics.com  
[www.ipgphotonics.com](http://www.ipgphotonics.com)

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