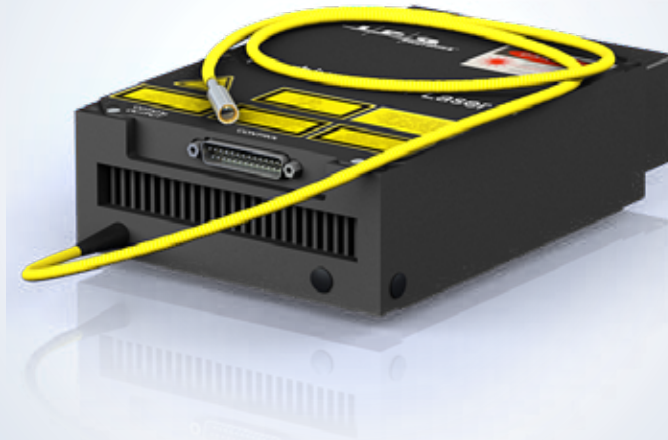


DLM 50

Air-cooled Diode Laser Module



Applications

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



Features

- ▶ Output Power up to 50 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 50, 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 50

Air-cooled Diode Laser Module

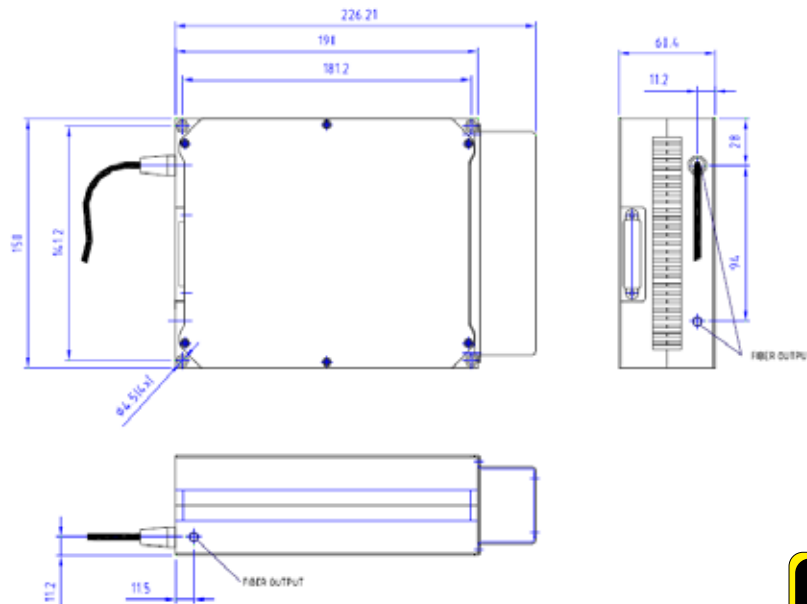
Optical Characteristics

DLM-50

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

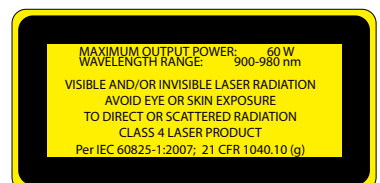
General Characteristics

Module Dimensions, mm	150 x 60 x 226
Cooling	Air-cooled
Control Interface	DB-25
Maximum Supply Voltage, VDC	24
Maximum Power Consumption, W	120



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

Legal notices: All product information is believed to be accurate and is subject to change without notice. Information contained herein shall legally bind IPG only if it is specifically incorporated into the terms and conditions of a sales agreement. Some specific combinations of options may not be available. The user assumes all risks and liability whatsoever in connection with use of a product or its application. IPG, IPG Photonics, The Power to Transform and IPG Photonics' logo are trademarks of IPG Photonics Corporation. © 2015 IPG Photonics Corporation. All rights reserved.



The Power to Transform®