

793/808/976nm MM Fiber Coupled High Power Pump Laser

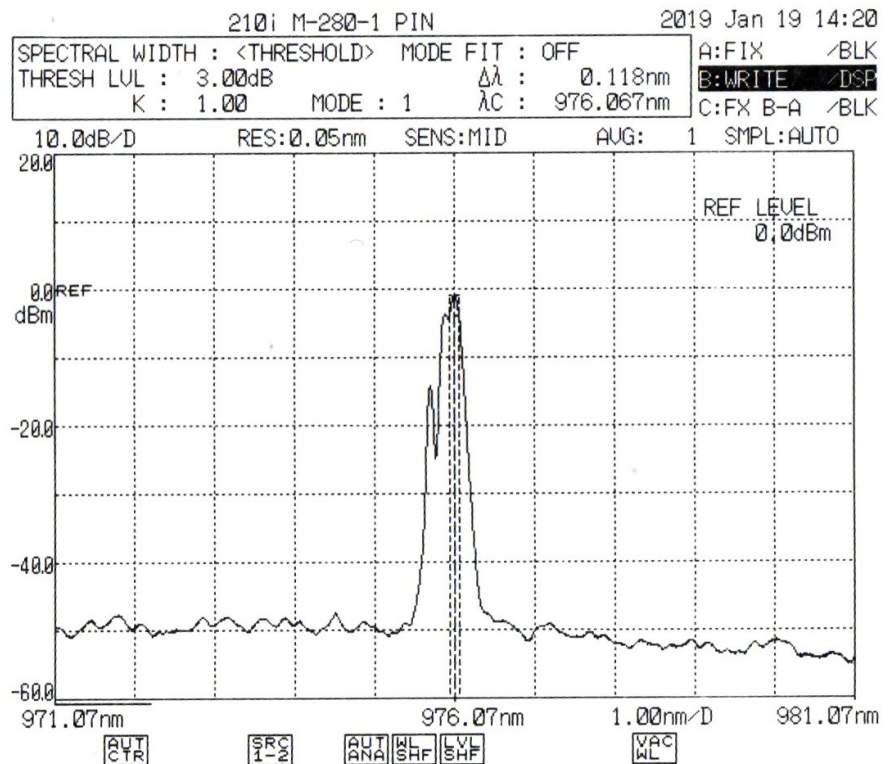
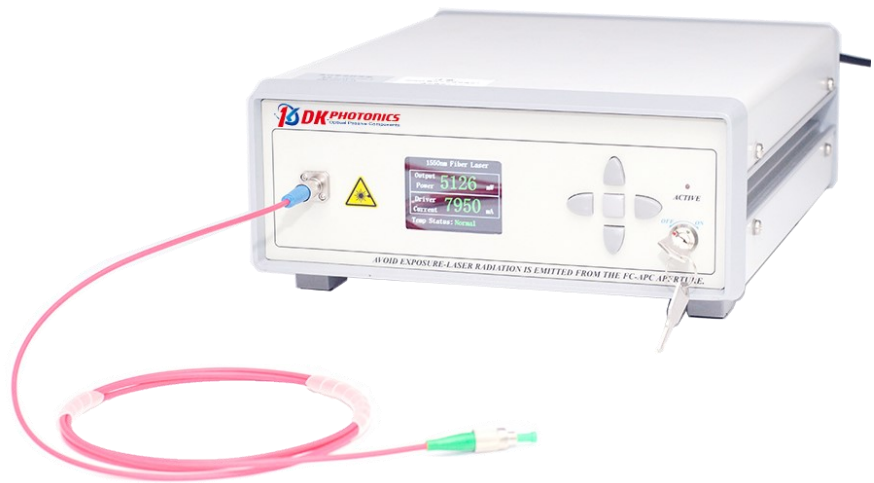
Key Features

- High Output Power
- Power and Spectrum Stability
- Desktop and Modular are available

MM Fiber Coupled High Power Pump Laser is based on high-performance semiconductor laser chip, using professionally designed constant current drive and TEC control to ensure safe and stable laser work, 105/125um fiber coupled output. The power fluctuation is less than 3%, and the spectral stability is better than $\pm 3\text{nm}$. It is suitable for medical research, fiber laser pumping and other production tests. Can provide desktop or modular packaging, and provide PC monitoring software.

Applications

- Fiber Laser Pump
- Biomedical Science
- Material laser processing



For more Info

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Fiber Laser Series

Performance Specifications 793/808/976nm MM Fiber Coupled High Power Pump Laser

Optical Parameter	Unit	Typical Values		Remark
Center wavelength	nm	793/808/976	915	
Wavelength accuracy	%	±3	±10	
Spectral width	nm	3	6	
Output Power	W	5, 10, 25, 50		Customizable
Short-term Stability (15 Minutes)	dB	≤ ±0.02		1%
Long-term Stability (8 Hours)	dB	≤ ±0.05		3%
Fiber Type	-	105/125μm MM fiber, NA0.22		
Optical Connector	-	Bare fiber output		Low power optional SMA connector

Electrical and environmental parameters	Desktop	Module
Control Mode	Button	RS232
Communication Interface	* Optional	DB9 Female
Power Supply	100~240V AC, <120W	12V DC, <60W
Dimensions	260(W)×320(D)×120(H)mm	125(W)×150(D)×20(H)mm
Operation Temperature Range	-5~+55°C	
Operation Humidity Range	0~70%	

Order information P/N: ①-②-③-④-⑤

When you inquire, please provide the correct P/N number according to our ordering information, and attach the appropriate description would be better.

①	②	③	④	⑤
MMHPL	Operation Wavelength	Output power (W)	Fiber Type	Package Type
	793/808/915/976/1064	5/10/25/50	MM: 105/125,NA0.22	M: Module B: Desktop

Ordering Information for Custom Parts

If you need to customize other specifications, please provide detailed description for your requirement.