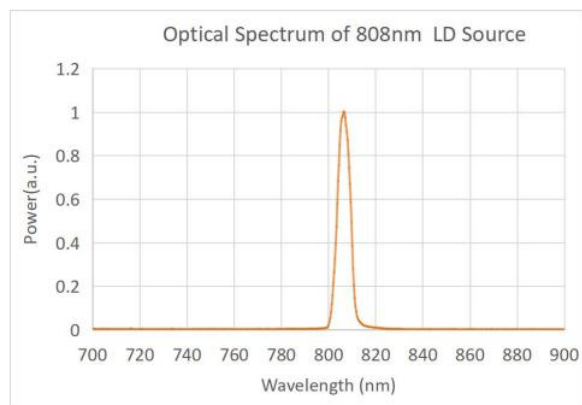


Multi Mode Fiber Coupled High Power Pump Laser

The MHPL-XXX high-power laser source is based on high-performance semiconductor laser chips and features 105/125μm fiber-coupled output. Professionally designed constant current drive and temperature control circuits ensure the safe and stable operation of the laser. Some models are equipped with wavelength locking, and the spectral stability can be better than $\pm 3\text{nm}$. It is suitable for applications in medical research, fiber laser pumping, and other production tests. Desktop or module packaging is available, and upper computer monitoring software is provided.



Features

High output power
Power and spectral stability
Module or desktop packaging

Application

Fiber laser pumping
Biomedical
Laser processing of materials

Optical indicators	unit	Typical value		Note
Working wavelength	nm	793/808/976	915/940	
Wavelength accuracy	nm	± 3	± 10	
Spectral width	nm	3	6	
Working mode	-	CW		Continuous light
Output power	W	5、10、25		Customizable
Power regulation range	-	10%to 100%		
Short-term stability(15 inutes)	dB	± 0.02 or less		Equivalent $\leq \pm 0.5\%$
Long-term stability(8 hours)	dB	± 0.05 or less		Equivalent $\leq \pm 1.2\%$
Fiber pigtail type	-	105/125μm multimode optical fiber,NA=0.2		
Fiber pigtail connector type	-	bare fiber		Optional fiber collimator

Electrical and environmental parameters	Desktop	Module
Control mode	Key input/RS232 serial communication	RS232 serial communication
Communication interface	DB9 Female	DB9 Female
for Electricity	100~240V AC,<120W	12V DC,<60W
ruler inch	260(W)×320(D)×120(H)mm	125(W)×150(D)×31.5(H)mm
Operating temperature range	-5+35 C	
Working humidity range	0 to 70%	

Ordering Information/Model

MHPL	Working wavelength(nm)	Output power(W)	Output pigtail type	Encapsulation form
	793/808/915/940/976	5/10/25	MM=105/125μm multimode optical fiber	B=desktop M=module