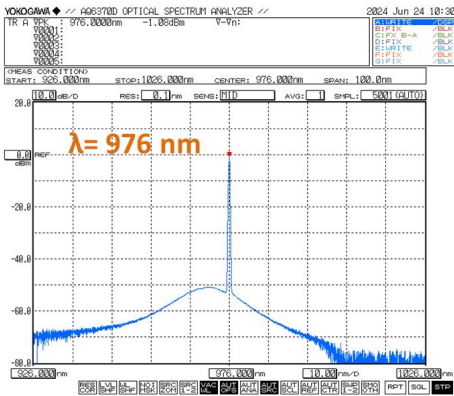


Multimode Fiber Coupled High Power Pump Laser

Introduction

The MHPL-XXX model is based on high-performance semiconductor laser chips with 105/125um fiber coupled output. The professionally designed constant current drive and temperature control circuit ensures the safe and stable operation of the laser. Some models come with wavelength locking, and the spectral stability can be better than $\pm 3\text{nm}$. Suitable for application in medical research, fiber laser pumping, and other production testing. We can provide basic or module packaging and upper computer monitoring software.



Feature

- High Output Power
- Power&Spectral stable
- Module or basic Type

Application

- Fiber Laser's PUMP
- Biomedicine
- Process materials

Parameter

Optical Parameter	Units	Typical Values		Notes
Wavelength	nm	793/808/976	915/940	
Resolution	nm	± 3	± 10	
Bandwidth	nm	3	6	
Working Mode	-	CW		Continuous
Output Power	W	5、10、25		Customizable
OP regulation range	-	10~100%		
S-term FS(15 min)	dB	$\leq \pm 0.02$		$\sim \leq \pm 0.5\%$
L-term FS(8 h)	dB	$\leq \pm 0.05$		$\sim \leq \pm 1.2\%$
Tail Fiber Type	-	105/125 μm MMF, NA=0.22		
Connector Type	-	Bare Fiber		Optional collimator
Electrical&Environmental		Basic		Module
Control Mode		Button/RS232		RS232
Communication Interface		DB9 Female		DB9 Female
Power Supply		100~240V AC, <120W		12V DC, <60W
Size		260(W) \times 320(D) \times 120(H)mm		125(W) \times 150(D) \times 31.5(H)mm
Operating temperature		-5~+35 $^{\circ}\text{C}$		
Operating humidity range		0~70%		

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Ordering Information

Model	Wavelength(nm)	P _{out} (W)	Tail Fiber Type	Package Type
MHPL	793/808/915/940/976	5/10/25	MM=105/125μm MMF	B=Basic M=Module