

1064nm CW Single Mode Fiber Laser (100~500mW power)

This laser adopts all-fiber laser technology, professionally designed and driven temperature control circuit, and control to ensure the safe operation of the laser and stable laser output power and spectrum. It is suitable as a seed laser for higher power laser systems and can also be used for production testing of optical fiber devices in the 1064nm band. It can be provided in benchtop or modular packaging.

Characteristics

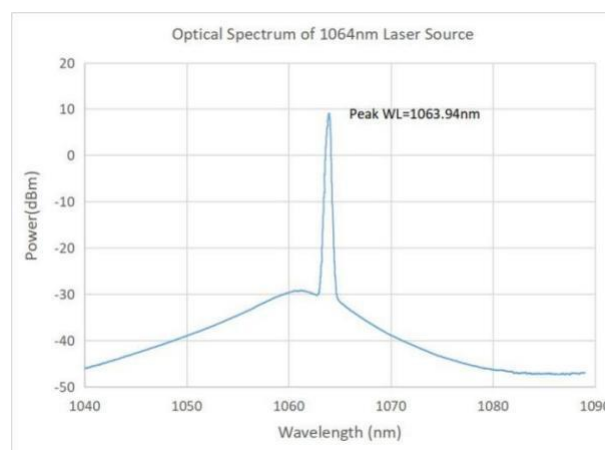
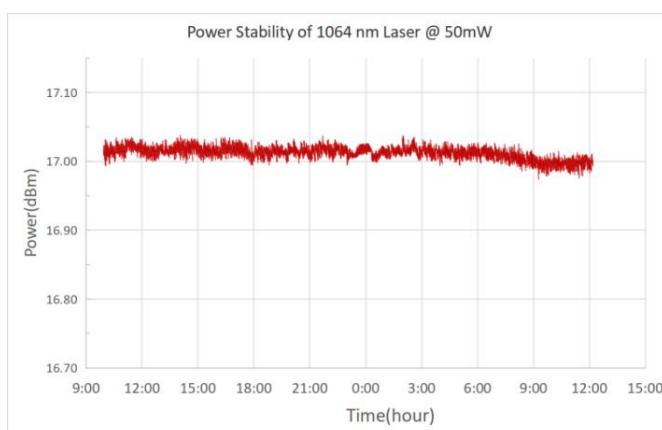
- High Output Power
- Excellent Stability
- SM/PM Fiber Output

Applications

- Seed Laser
- Fiber Laser
- Test and Measurement



Desktop Model



Optical Parameters	Unit	Typical Value		Remarks
Wavelength	nm	1064		1030nm is also available
Wavelength Accuracy	nm	±2		
Spectral Linewidth	nm	<0.1		
Laser Operation Mode	-	CW		
Output Power	mW	100/200/300/400/500		
Instability(15min.in)	dB	≤ ±0.02		≤±0.5%
Instability(8 hr)	dB	≤ ±0.05		≤±1.2%
Optical Fiber	-	Hi 1060	PM980	
Fiber connector	-	FC/APC		



General Parameters	Desktop	Module
Control Function	Keystroke	RS232 serial Communication
Remote control Port	Optional	DB9 Female
Power Supply	AC100~240V, <30W	DC5V, <15W
Dimensions	260(W)×280(D)×120(H)mm	125(W)×150(D)×20(H)mm
Operation Temperature	-5~+35°C	
Operation Humidity	0~70%	

Ordering Information/ Product Code				
FL	Wavelength(nm)	Output Power(mW)	Fiber	Packaging
	1030/1064/1070	100/200/300/400 /500	SM - HI 1060 PM - PM 980	M - Module B - Benchtop