

Multimode fiber-coupled laser (1064nm)

Overview

This laser adopts semiconductor laser chips. The professionally designed drive and temperature control circuit ensures the safe operation of the laser, and the output power and spectrum are stable. It is suitable as a seed laser for high-power lasers and can also be used for the production and testing of optical devices. It is available in desktop or modular packaging.

Feature

- High output power
- Spectral stability
- Multimode optical fiber output

Application

- Seed laser
- Optical testing
- Research on nonlinear optics



Parameter

Optical Parameter	Units	Typical Values	Notes
Wavelength	nm	1064	
Wavelength accuracy	nm	± 20	
Spectral width	nm	< 5	
Working Mode	—	CW	Continuous-wave
Output Power	W	10	High optical power
OP regulation range	—	10%~100%	
S-term FS(15 min)	dB	$\leq \pm 0.05$	Equivalent $\leq \pm 1\%$
L-term FS(8 h)	dB	$\leq \pm 0.1$	Equivalent $\leq \pm 2\%$
Tail Fiber Type	—	Random	
Connector Type	dB	—	
Polarization	—	200/220 μm , NA 0.2	
Laser grade	—	SMA905	Only for output testing

Electrical & environmental	Basic
Control Mode	Touch screen /RS232 serial port communication
Communication Interface	DB9 Female
Power Supply	AC100~240V , <150W
Dimensions(mm)	B3
Operating temperature & humidity range	-5~+35°C; 0~70%

Ordering Information

Type	Wavelength (nm)	Pout (mW)	Tail Fiber Type	Package Type
FLH	1064	40	MM	B3=Basic