

## 1120nm CW Single Mode Fiber Laser



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For customized projects please Contact us:

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The **1120nm CW Single Mode Fiber Laser** features a semiconductor laser chip, expertly engineered drive circuit, and TEC control, ensuring safe laser operation, consistent output power, and spectral stability.

Ideal as a seed laser for high-power applications, it also serves well in production testing of optical fiber devices in the 1120nm range. Available in both benchtop and modular formats, this laser provides a narrow spectral width and exceptional long-term stability, essential for precision and reliability in high-accuracy applications.



### Key Features

- High Output Power
- Power And Spectral Stability
- Single Mode Or Biased Output

### Applications

- High Power Laser
- Fiber Lasers
- Optical Fiber Device Testing

## Specification

Laser Parameters				
Optical Parameters	Unit	Typical Value	Remarks	
Wavelength	nm	1120±1		
Spectral Width	nm	≤0.1	@3dB	
Output Power	W	1/2/5		
Short-term Stability (15 minutes)	dB	≤±0.02		
Long-term Stability (8 hours)	dB	≤±0.05		
Pigtail Type	—	Hi1060 Single Mode	PM980 Polarization-Maintaining Output Models Are Available	
Pigtail Connector Type	—	FC/APC		
Electrical and Environmental Parameters				
	Table Model	Module		
Control Mode	Keystroke	RS232 Serial Port Communication		
Communication Interface	* Optional	DB9 Female		
Power Supply	100~240V AC, <30W	5V DC, <15W		
Size	260(W)×280(D)×120(H)mm	125(W)×150(D)×20(H)mm		
Operating Temperature Range	-5~+55°C			
Operating Humidity Range	0~70%			
Ordering Information/Model Number				
FLH	Operating Wavelength (nm)	Output Power (W)	The Pigtail Type Is Displayed	Encapsulation Form
	1120	1/2/5	SM= HI 1060 Single-Mode Fiber PM= PM 980 Polarization-Maintaining Fiber	M=Module B=Table Model

## Test Data

