

1570nm Fiber Laser

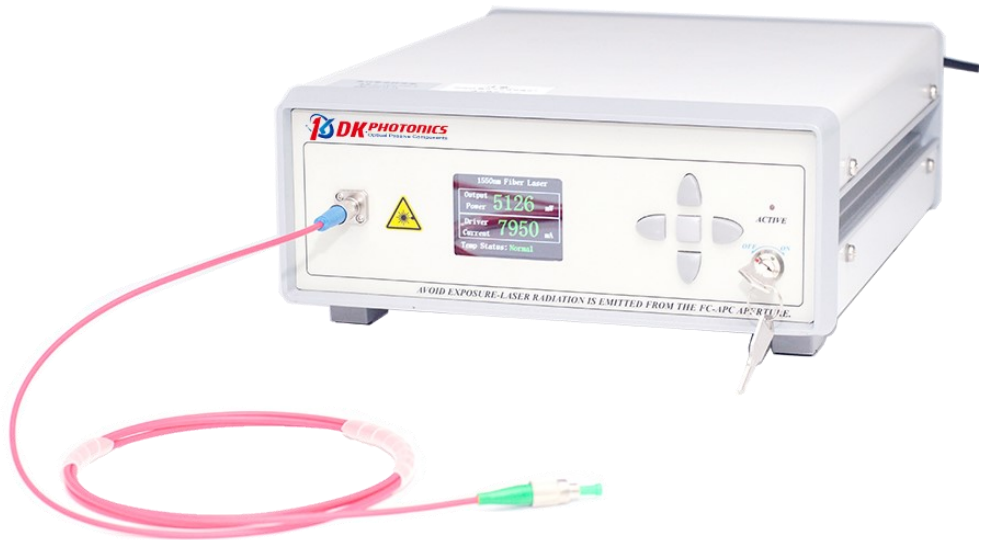
Key Features

- Narrow Linewidth
- Power and Spectrum Stability
- SM or PM optional

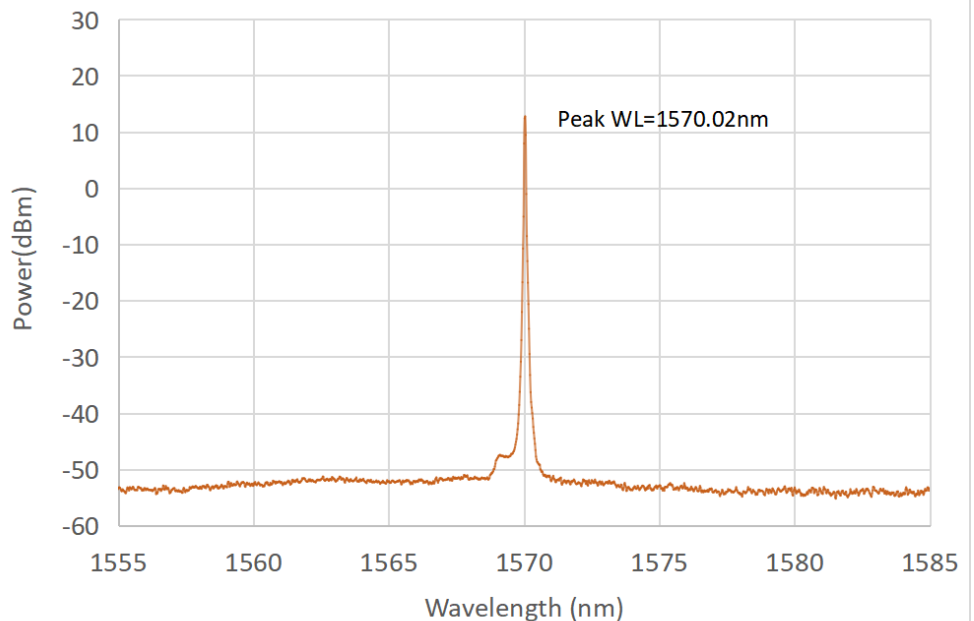
1570nm fiber laser light source adopts DFB semiconductor laser chip, single-mode optical fiber output, professionally designed driving circuit and TEC control to ensure laser safety and stability, which can provide desktop or modular packaging.

Applications

- Fiber Sensor
- Fiber Laser
- Optical device testing



Optical Spectrum of 1570nm Laser Source



For more Info

Please contact us at:

Tel: +86-755-23736280

Fax: +86-755-26746512

E-mail: sales@dkphotonics.com

<https://www.dkphotonics.com>

Add.:

4F, Bldg. 18, Qinghu Industrial Park,

Dahe Road, Longhua Dis.,

Shenzhen, China 518109



Performance Specifications 1570nm Fiber Laser

Optical Parameter	Unit	Typical Values	Remark
Center wavelength	nm	1570±1	
Spectrum Linewidth	nm	≤0.1	
Sideband Rejection Ratio	dB	>50	
Output Power	dBm	10/20/30/33/37	Customized
Short-term Stability (15 Minutes)	dB	≤ ±0.02	
Long-term Stability (8 Hours)	dB	≤ ±0.05	
Fiber Type	-	SMF-28e/PM1550 Panda	
Optical Connector	-	FC/APC	

Electrical and environmental parameters	Desktop	Module
Control Mode	Button	RS232
Communication Interface	* Optional	DB9 Female
Power Supply	100~240V AC, <30W	5V DC, <15W
Dimensions	260(W)×280(D)×120(H)mm	125(W)×150(D)×20(H)mm
Operation Temperature Range	-5~+55°C	
Operation Humidity Range	0~70%	

Order information P/N: ①-②-③-④-⑤

When you inquire, please provide the correct P/N number according to our ordering information, and attach the appropriate description would be better.

①	②	③	④	⑤
FL	Operation Wavelength	Output power (dBm)	Fiber Type	Package Type
	1570	10/20/30/33/37	SM: SMF-28e PM: PM1550 panda	M: Module B: Desktop

Ordering Information for Custom Parts

If you need to customize other specifications, please provide detailed description for your requirement.