Key Features

- Up to 64 wavelengths
- High Power Stability
- High Side mode suppression ratio

Applications

- DWDM System
- Optical Fiber Link
- Passive Optical Components Test

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.:

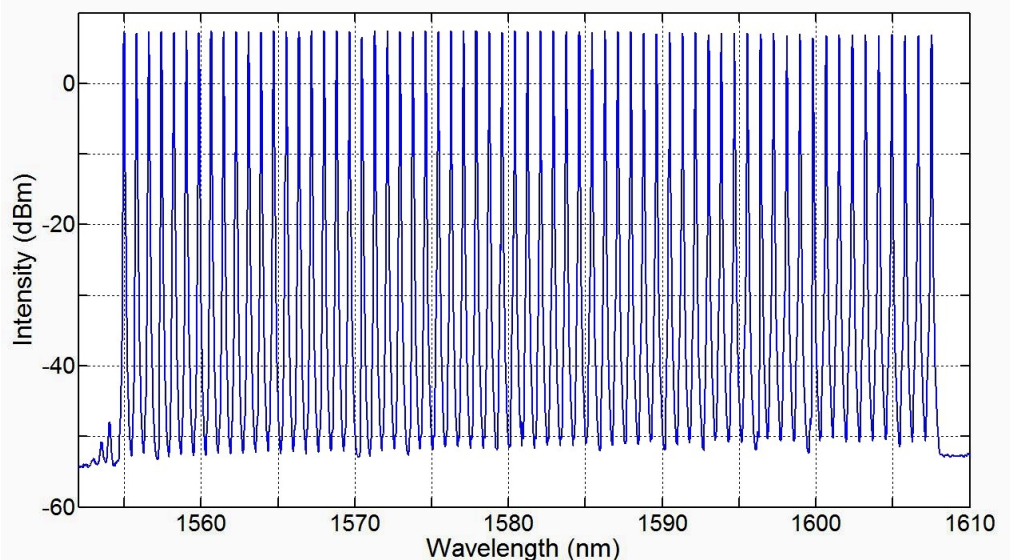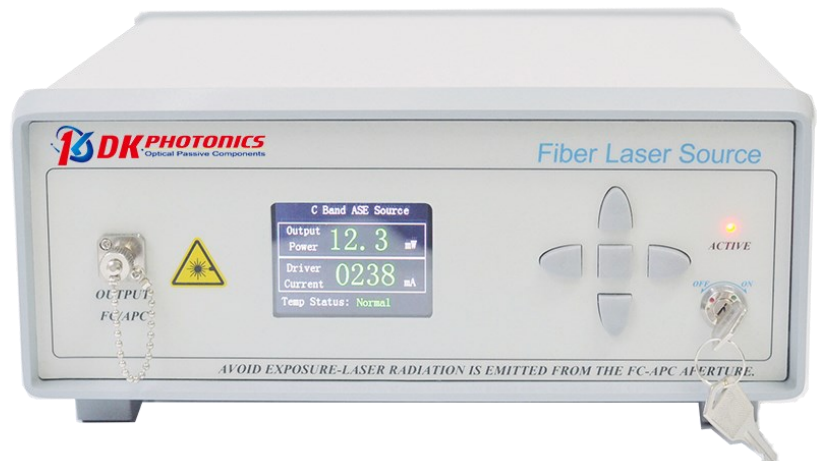4F, Bldg. 18, Qinghu Industrial Park,

Dahe Road, Longhua Dis.,

Shenzhen, China 518109

L-band Tunable Fiber Laser

The L-band Tunable Fiber Laser 's wavelength tuning range covers the L-band, achieving continuous laser output of up to 64 wavelengths (ITU-T standard wavelength, wavelength interval 100GHz). It integrates a tunable filter and a high-gain chip, and has the characteristics of high output optical power, narrow line width, and high wavelength accuracy. It is equipped with a dedicated drive control circuit, a high-definition color LCD screen, and an optional host computer software, so that users can easily tune the wavelength accurately. It can be used in DWDM system research and development, fiber laser, fiber link, optical device testing and other fields.

DK PHOTONICS — Optical Passive Components

Performance Specifications   L-band Tunable Fiber Laser

Optical Parameter	Unit	Typical Values	Remark
Wavelength tuning range	nm	1554.94~1607.46	ITU C28~ L65
Frequency tuning range	THz	192.8~186.5	
Channel spacing	GHz	100	0.8nm
Side mode suppression ratio	dB	>50	
Number of wavelength channels		64	
Output power	mW	10	
Short-term Stability (15 Minutes)	dB	≤ ±0.02	
Long-term Stability (8 Hours)	dB	≤ ±0.05	
Fiber Type	-	SMF-28 / 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
TEL	Wavelength Range	Output power (mW)	Fiber Type	Package Type
	C:C-band	10/20	S28: SMF-28e P13: PM1300 panda	M: Module B: Desktop

Ordering Information for Custom Parts

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