

C-band Wavelength Tunable Fiber Laser

The wavelength tuning range of the light source covers the C-band and realizes continuous laser output of up to 96 wavelengths (ITU-T standard wavelength, wavelength interval 50GHz). It integrates a tunable filter and a high-gain chip and has the characteristics of high output optical power, narrow linewidth, and high wavelength accuracy. Equipped with a dedicated drive control circuit, a high-definition color LCD screen, and optional host computer software, users can easily tune the wavelength accurately. It can be used in DWDM system research and development, fiber laser, fiber link, optical testing, and other fields.

Characteristics

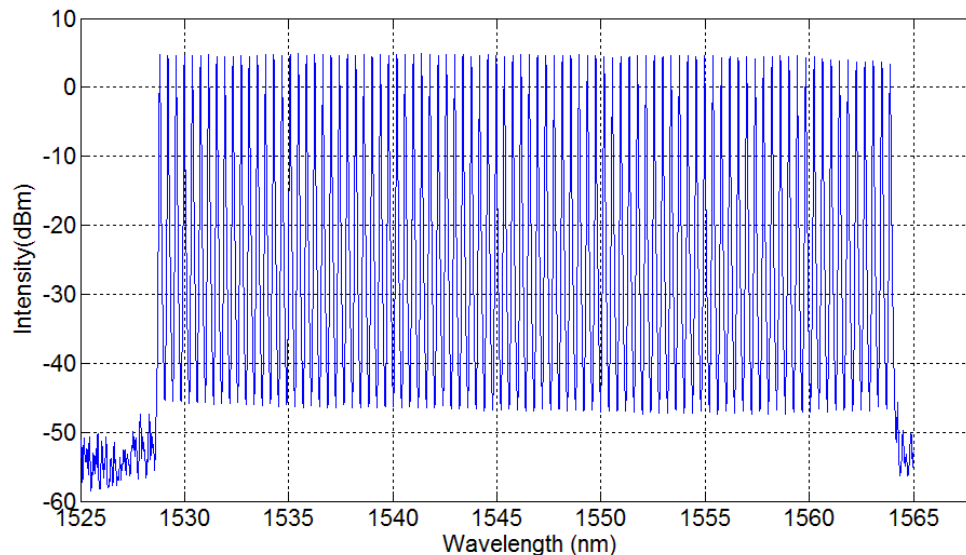
- Up to 96 channels
- High Power 13dBm
- Excellent SMSR >50dB

Applications

- DWDM System
- Optical communication
- Test and measurement



Desktop Model



Wavelength Interval

Optical Parameters	Unit	Typical Value	Remarks
Wavelength Range	nm	1529.16~1567.13	ITU H60~C13
Frequency Range	THz	191.3~196.05	
Channel Spacing	GHz	50	0.4nm
Side Mode Suppression Ratio	dB	>50	
Number of Channels	-	96	
Output Power	mW	10/20	
Power Instability(15min.)	dB	≤ ±0.01	Fixed set wavelength and power
Power Instability(8hr)	dB	≤ ±0.025	Fixed set wavelength and power
Optical Fiber	-	SMF-28/PM1550	
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				
TFL	Wavelength	Output Power(mW)	Fiber	Packaging
	C-96=C band 96channels	10/20	SM=SMF-28 PM=PM1550	M - Module B - Desktop

Singapore Main Office
Telephone: +65 6996 0391
Email: info@simtrum.com

China Main Office
Telephone: +86 15000853620
Email: sales@simtrum.cn


www.simtrum.com