

1450nm CW Single Mode Fiber Laser

The 1450 nm CW Single Mode Fiber Laser light source output by the single-mode fiber adopts a high-performance butterfly semiconductor laser and uses a professionally designed drive and temperature control circuit control to ensure the safe and stable operation of the laser. Can be used as a pump light source for fiber Raman amplifiers, available in benchtop or modular packaging.

Features

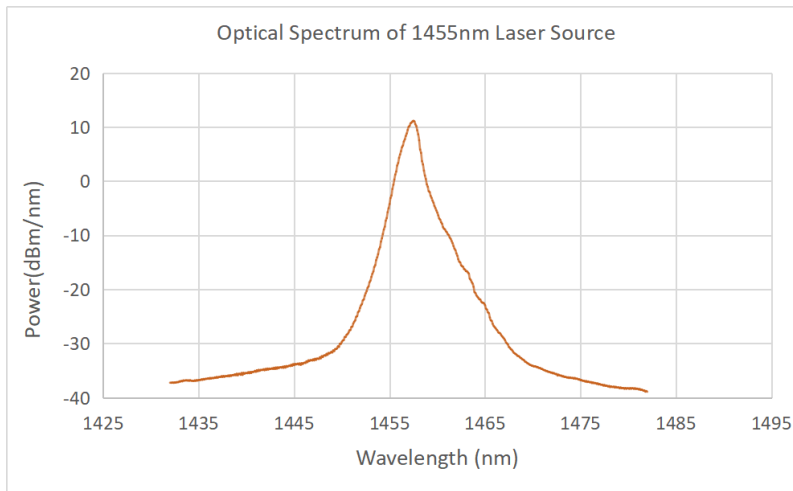
- High Output Power
- Excellent Stability
- SM/PM Fiber Output

Applications

- Fiber Sensing
- Fiber Communication
- Laboratory



Desktop Model



Optical Parameters	Unit	Typical Value	Remarks
Wavelength	nm	1425/1435/1455/1465	
Wavelength Accuracy	nm	±3	
Laser Operation Mode		CW	
Output Power	mW	200/350/500	
Instability(15min.in)	dB	≤ ±0.02	≤±0.5%
Instability(8 hr)	dB	≤ ±0.05	≤±1.2%
Optical Fiber		SMF-28	
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				
FL	Wavelength(nm)	Output Power(mW)	Fiber	Packaging
	1425/1435/1455/1465	200/350/500	SM = SMF-28 PM= PM1550	M - Module B- Desktop