

1480nm CW Single Mode Fiber Laser

The 1480nm CW Single Mode Fiber Laser adopts high-performance semiconductor laser chips, and the professionally designed drive and temperature control circuit control ensures the safe operation of the laser and stable output power and spectrum. Suitable as a pump laser source for fiber lasers or EDFA fiber amplifiers, available in benchtop or modular packages.

Characteristics

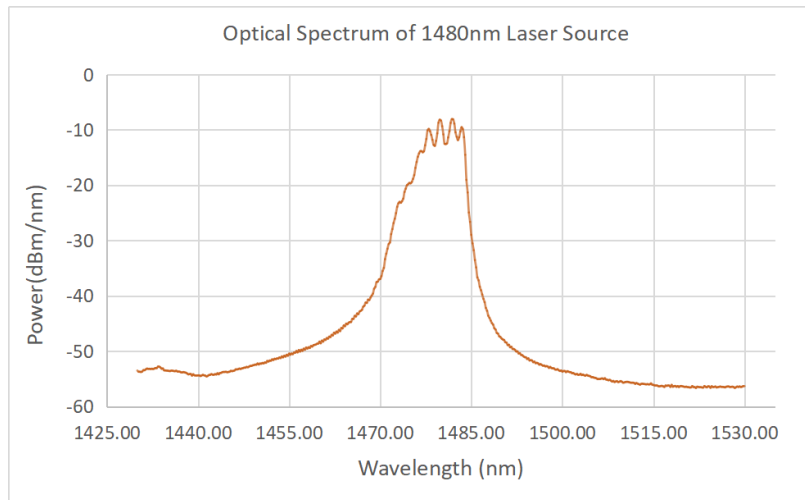
- High Output Power
- Excellent Stability
- SM/PM Fiber Output

Applications

- Fiber Laser
- EDFA Pump
- Laboratory



Desktop Model



Optical Parameters	Unit	Typical Value	Remarks
Wavelength	nm	1480	
Wavelength Accuracy	-	±10	
Laser Operation Mode	-	CW	
Output Power	mW	200/400/500/800	
Instability(15min.in)	dB	≤ ±0.02	≤±0.5%
Instability(8 hr)	dB	≤ ±0.05	≤±1.2%
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				
FL	Wavelength(nm)	Output Power(mW)	Fiber	Packaging
	1480	200/400/500/800	SM=SMF-28 PM=PM1550	M - Module B - Desktop