

1310nm CW Single Mode Fiber Laser

The 1310nm CW Single Mode Laser Light source adopts DFB semiconductor laser chip, single-mode fiber output, professionally designed drive and temperature control circuit control to ensure the safe and stable operation of the laser and can provide desktop or modular packaging.

Features

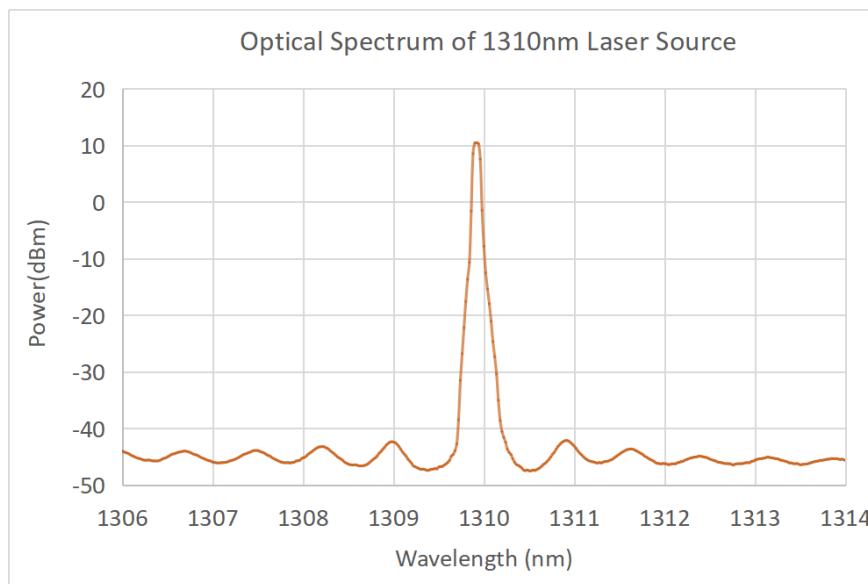
- Narrow Spectral Linewidth
- Excellent Stability
- SM/PM Fiber Output

Applications

- Fiber Sensing
- Laboratory
- Fiber Communication



Desktop Model



Optical Parameters	Unit	Typical Value	Remarks
Wavelength	nm	1310	
Wavelength Accuracy	nm	±3	
Spectral Linewidth	MHz	≤ 3	
Side Mode Suppression Ratio	dB	>50	
Laser Operation Mode	-	CW	
Output Power	mW	5/10/2020	
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
	1310	5/10/20	SM- SMF-28 PM- PM1550	M - Module B - Desktop

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