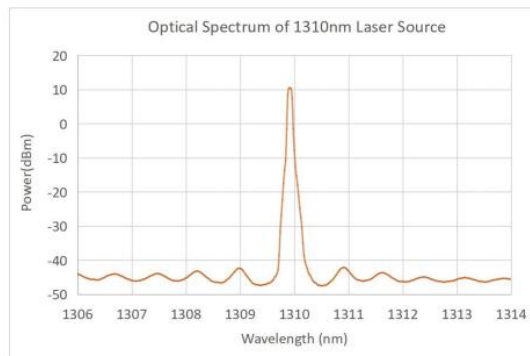


1310nm Wavelength SM Fiber Coupled Laser

The 1310nm single-wavelength laser source adopts DFB semiconductor laser chips, with single-mode fiber output. The professionally designed drive and temperature control circuits ensure the safe and stable operation of the laser. It can be provided in either desktop or module packaging..



Features

Power and spectral stability
Narrow spectral linewidth
Single-mode or polarization-maintaining output

Application

Optical fiber sensing
Fiber laser
Optical testing

Optical indicators	unit	Typical value		Note
Working wavelength	nm	1310		
Wavelength accuracy	nm	±2		
Working mode	-	CW		Continuous light
Spectral line width	MHz	≤3		
Side-mode suppression ratio	dB	>50		
Output power	mW	10/20/30/40		
Power regulation range	-	10%to 100%		
Short-term stability(15 minutes)	dB	±0.02 or less		Equivalent≤±0.5%
Long-term stability(8 hours)	dB	±0.05 or less		Equivalent≤±1.2%
polarization state	-	random	Linear polarization	
Fiber pigtail type	-	G657A	PM1310	
Fiber pigtail connector type	-	FC/APC	FC/APC(Slow Axis Alignment)	

Electrical and environmental parameters	Desktop	Module
Control mode	Key input/RS232 serial communication	RS232 serial communication
Communication interface	DB9 Female	DB9 Female
for Electricity	100~240V AC,<30W	5V DC,<15W
ruler inch	260(W)×280(D)×120(H)mm	125(W)×150(D)×20(H)mm
Operating temperature range	-5~+35 C	
Working humidity range	0 to 70%	

Ordering Information / Model

FL	Working wavelength (nm)	Output power (mW)	Output pigtail type	Encapsulation form
	1310	10/20/30/40	SM= G657A PM= PM1310	M = module B = desktop