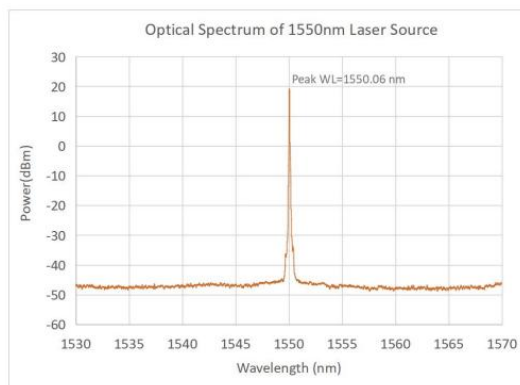


## 1550nm Wavelength SM Fiber Coupled Laser

The 1550nm single-wavelength laser(low power)adopts high-stability 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 desktop or module packaging.



### Features

DFB cavity laser  
Power and spectral stability  
Continuous adjustable output

### Application

power Optical fiber sensing  
Optical fiber communication  
Optical experiments

Optical indicators	unit	Typical value		Note
Working wavelength	nm	1550		Customizable from 1535nm to 1565nm
Wavelength accuracy	nm	±0.5		
Spectral line width	MHz	≤3		
Side-mode suppression ratio	dB	>50		
Working mode	-	CW		
Output power	mW	10/20/50/100/200/400/50		
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	-	SMF-28	PM1550	
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
	1550	10/20/50/100/200/400/50	SM=SMF-28 PM=PM1550	M=module B=desktop