

520nm Optical Fiber Output Accurate Wavelength Laser System of AWM Series



DESCRIPTION

Our quasi wavelength fiber coupled output semiconductor laser system can provide a variety of wavelength options. Fiber coupled output has excellent power stability. Product structure is small, portable, with user-friendly operation interface, perfect refrigeration system, can meet the different needs of users. Our company can also provide customized services according to the requirements of users.

FEATURES

- Built-in TEC, power stability is better than $\pm 1\%$ @ 8H
- Multiple wavelengths available
- Including host computer control, short circuit protection and other functions
- Multimode fiber optiona

APPLICATIONS

- Flow cytometry
- Confocal microscopy
- Fluorescence excitation
- Granularity measurement
- Super-resolution microscopy

PARAMETERS

Model	CL520-SIF(FA)-20mW-AWM007	CL520-SIF(FP)-20mW-AWM008	CL520-SIF(S)-20mW-AWM009	
Optical Parameter	Central Wavelength (nm)	520	520	520
	Wavelength Tolerance (nm)	± 5	± 5	± 5
	Output Power (mW)	20	20	20
	Line Width (nm)	1	1	1
	Fiber Interface	FC/APC	FC/PC	SMA905
	Power Stability	$\pm 1.0\%$ @8H		
System Parameter	Power Adjustment Range	0~100%		
	Preheat Time (Min)	15		
	Modulation Input	1KHz TTL or Analog signal 0~5V		
	Control Interface	USB, BNC		
	Power Input	100-240VAC, 50/60Hz		
	System Power Consumption (W)	<5		
	Storage Temperature ($^{\circ}\text{C}$)	0~55		
	Storage Humidity (RH)	0~80%		
	Operating Temperature ($^{\circ}\text{C}$)	10~35		
	System Weight (Kg)	2.2		
System Size (mm)	150×102×200			

OUTLINE SIZE(mm)

