

638nm 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	CL638-SIF(FA)-30mW-AWM010	CL638-SIF(FP)-30mW-AWM011	CL638-SIF(S)-30mW-AWM012	
Optical Parameter	Central Wavelength (nm)	638	638	638
	Wavelength Tolerance (nm)	± 3	± 3	± 3
	Output Power (mW)	30	30	30
	Line Width (nm)	0.5	0.5	0.5
	Fiber Interface	FC/APC	FC/PC	SMA905
	Power Stability	$\pm 1.0\%$ @8H	$\pm 1.0\%$ @8H	$\pm 1.0\%$ @8H
System Parameter	Power Adjustment Range	0~100%	0~100%	0~100%
	Preheat Time (Min)	15	15	15
	Modulation Input	1KHz TTL or Analog signal 0~5V	1KHz TTL or Analog signal 0~5V	1KHz TTL or Analog signal 0~5V
	Control Interface	USB, BNC	USB, BNC	USB, BNC
	Power Input	100-240VAC, 50/60Hz	100-240VAC, 50/60Hz	100-240VAC, 50/60Hz
	System Power Consumption (W)	<5	<5	<5
	Storage Temperature ($^{\circ}\text{C}$)	0~55	0~55	0~55
	Storage Humidity (RH)	0~80%	0~80%	0~80%
	Operating Temperature ($^{\circ}\text{C}$)	10~35	10~35	10~35
	System Weight (Kg)	2.2	2.2	2.2
System Size (mm)	150×102×200	150×102×200	150×102×200	

OUTLINE SIZE(mm)

