

# 658nm 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.

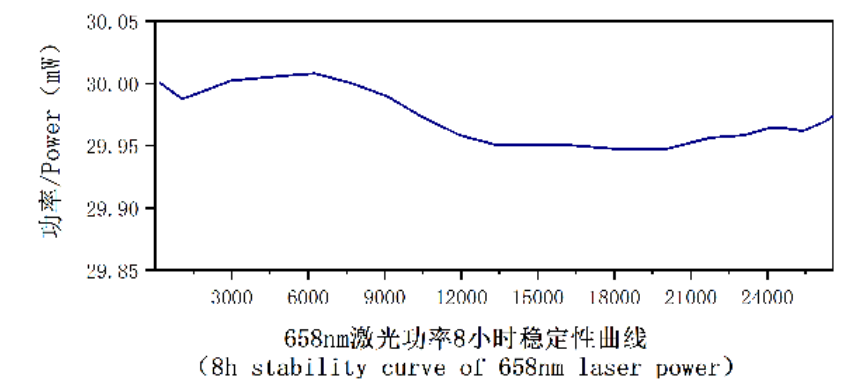
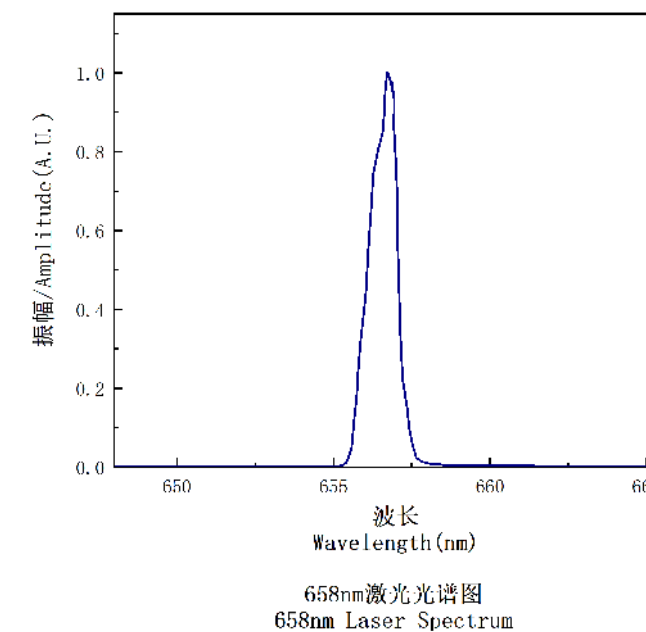
## APPLICATIONS

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

## 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

## CHARACTERISTICS OF 650NM 50MW SEMICONDUCTOR LASER (25°C)



## PARAMETERS

Model	CL658-SIF(FA)-30mW-AWM013	CL658-SIF(FP)-30mW-AWM014	CL658-SIF(S)-30mW-AWM015
Central Wavelength (nm)	658	658	658
Wavelength Tolerance (nm)	±5	±5	±5
Output Power (mW)	30	30	30
Line Width (nm)	0.5	0.5	0.5
Fiber Interface	FC/APC	FC/PC	SMA905
Power Stability	±1.0%@8H		
Power Adjustment Range	0~100%		
Preheat Time (Min)	15		
Modulation Input	1KHz TTL or Analog signal 0~5 V		
Control Interface	USB, BNC		
Power Input	100-240VAC, 50/60Hz		
System Parameter	System Power Consumption (W)		
	<5		
	Storage Temperature (°C)		
	0~55		
	Storage Humidity (RH)		
	0~80%		
	Operating Temperature (°C)		
	10~35		
	System Weight (Kg)		
	2.2		
	System Size (mm)		
	150×102×200		

## OUTLINE SIZE(mm)

