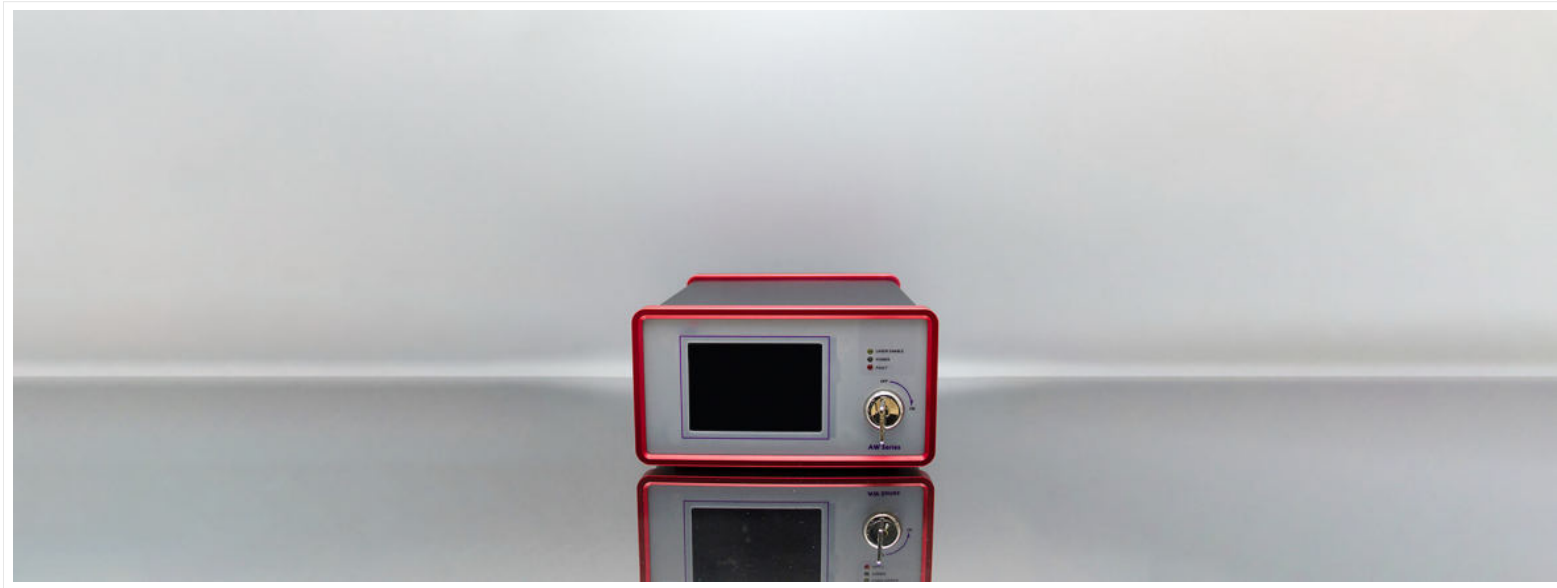


532nm Narrow Linewidth Laser System of NLM Series



Model	CL532-MIF(S)-50mW-NLM001	CL532-MIF(FP)-50mW-NLM002
Central Wavelength (nm)	532	532
Wavelength Tolerance (nm)	±0.5	±0.5
Output Power (mW)	50	50
Optical Parameter		
Line Width (nm)	<0.1	<0.1
Wavelength Stability	±0.005nm @8H Typ.	±0.005nm @8H Typ.
Power Stability	±1.5% @8H Typ.	±1.5% @8H Typ.
Side Mode Rejection Ratio (dB)	40	40
Fiber Interface	SMA905	FC/PC
Power Adjustment Range		0~100%
Preheat Time (min)		15
Modulation Input	1kHz TTL Or Analog signal 0-5V	
Control Interface	USB, BNC	
Adaptive Optical Fiber	105μm, 0.22NA	
System Parameter		
Power Input	100V-240V 50/60Hz	
System Power Consumption	<7W Typ.	
Storage Temperature (°C)	-10~60	
Storage Humidity	0~80%RH	
Operating Temperature (°C)	10~35	
System Weight (Kg)	2.5	
System Size (mm)	150 x 102 x 200	

DESCRIPTION

Narrow linewidth laser system is our special product. This series of products are compact in structure, portable and convenient. The core technologies such as short cavity method, VBG wavelength locking, directional optical feedback, built-in semiconductor refrigeration, etc. are used to realize narrow linewidth, stable power and stable spectral output of laser.

FEATURES

- Line width <0.1nm
- Frequency stability better than ±0.005nm@8H
- Side mode rejection ratio is better than 40dB (60dB optional)
- Line width <0.1nm
- Frequency stability better than ±0.005nm@8H
- Side mode rejection ratio is better than 40dB (60dB optional)
- Portable operation, temperature drift <0.007nm / °C, VBG wave lock

APPLICATIONS

- Raman spectroscopy
- Fluorescence spectrum detection
- Holographic detection
- Up-conversion material

OUTLINE SIZE(mm)

