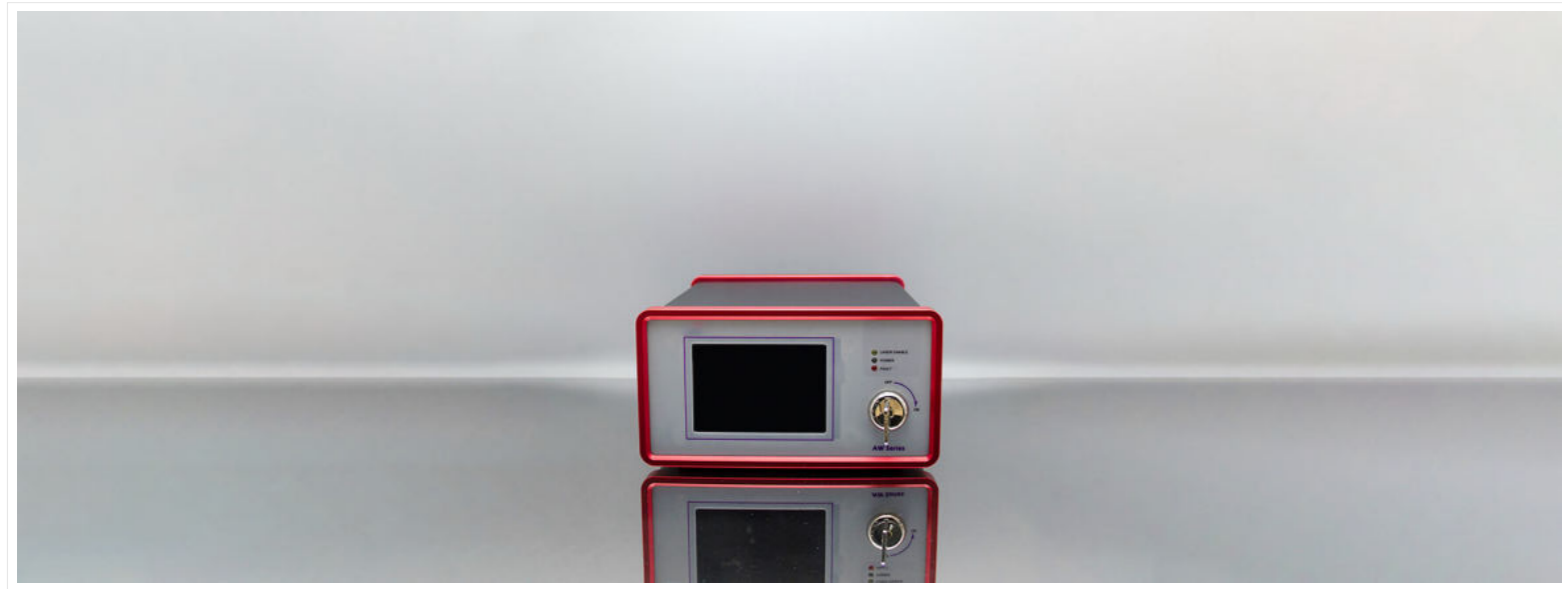


532nm Narrow Linewidth Laser System of NLM Series



Model	CL532-MIF(S)-50mW-NLM001	CL532-MIF(FP)-50mW-NLM002	
Optical Parameter	Central Wavelength (nm)	532	532
	Wavelength Tolerance (nm)	±0.5	±0.5
	Output Power (mW)	100	100
	Line Width (nm)	<0.05	<0.05
	Wavelength Stability	±5pm@4h Typ.	±5pm@4h Typ.
	Power Stability	±2%@4h Typ.	±2%@4h Typ.
	Side Mode Rejection Ratio (dB)	-	-
	Power Adjustment Range	0 ~ 100%	0 ~ 100%
	Preheat Time (min)	15	15
	Modulation Input-	-	-
System Parameter	Control Interface	-	-
	Fiber Interface	SMA905	FC/PC
	Adaptive Optical Fiber	105µm, 0.22NA	105µm, 0.22NA
	Power Input	+5VDC	+5VDC
	System Power Consumption	<20W Typ.	<20W Typ.
	Storage Temperature (°C)	10 ~ 60	10 ~ 60
	Storage Humidity	0 ~ 80%RH	0 ~ 80%RH
	Operating Temperature (°C)	10 ~ 35	10 ~ 35
	System Weight (Kg)	1.2	1.2
	System Size (mm)	168×88×140	168×88×140

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)

