



MSL-R-532/1~5W


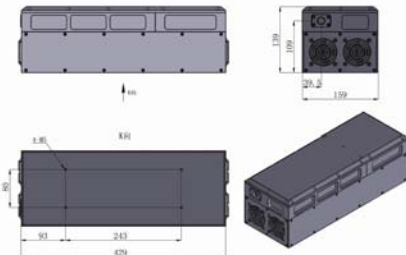

**SINGLE LONGITUDINAL MODE
GREEN LASER AT 532 nm**

All solid state single longitudinal mode green laser at 532 nm is made features of high power, long lifetime and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, physics experiment, etc.

SPECIFICATIONS

Wavelength (nm)	532±1
Output power (W)	>1, 2, ... , 5
Transverse mode	TEM ₀₀
Longitudinal mode	Single
Operating mode	CW
Power stability (rms, over 4 hours)	<3%, <5%, <10%
Warm-up time (minutes)	<10
M ² factor	<1.2
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (mm)	~1.5
Beam height from base plate (mm)	109
Spectral linewidth (nm)	<0.00001
Polarization ratio	> 100:1
Pointing stability after warm-up (mrad)	<0.05
Noise of amplitude (rms, 20Hz~20MHz)	<0.5%
Operating temperature (°C)	20~30
Power supply (90-264VAC)	PSU-W-FDA
Expected lifetime (hours)	10000
Warranty	1 year



MxL-R-532	Dimension	PSU-W-FDA	Dimension
 429(L) × 159(W) × 139(H) mm ³		 307 (L) × 168(W) × 123(H) mm ³ , 5.1 kg	