



MSL-III-532/1~200mW

### SINGLE LONGITUDINAL MODE GREEN LASER AT 532 nm


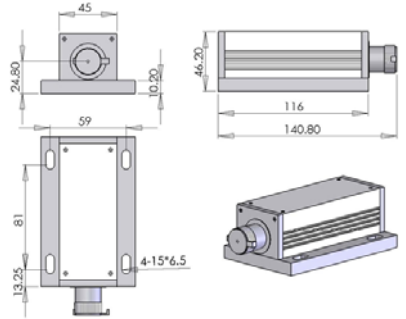

All solid state single longitudinal mode green laser at 532 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, physics experiment,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



#### SPECIFICATIONS

Wavelength (nm)	532 ± 1
Output power (mW)	>1, 5, 10, 20, ... , 200
Transverse mode	TEM <sub>00</sub>
Longitudinal mode	Single
Operating mode	CW
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Warm-up time (minutes)	<10
M <sup>2</sup> factor	<1.2
Beam divergence, full angle (mrad)	<1.2
Beam diameter at 1/e <sup>2</sup> e (mm)	~1.2
Beam height from base plate (mm)	24.8
Polarization ratio	>100:1 (0 or 90 degree)
Spectral linewidth (nm)	<0.00001
Pointing stability after warm-up (mrad)	<0.05
Noise of amplitude (rms, 20Hz~20MHz)	<0.5%
Coherent length (m)	>50
Operating temperature (°C)	15~35
Power supply (90~264VAC)	PSU-III-FDA
Modulation	Modulation isn't available.
Expected lifetime (hours)	10000
Warranty	1 year



MxL-III-532	Dimension	PSU-III-FDA	Dimension
 140.8(L)×73(W)×46.2(H) mm <sup>3</sup> , 0.6kg		 133 (L) ×130(W) ×65 (H) mm <sup>3</sup> , 1.2kg	