



MSL-III-532-AOM/1~150mW

**HIGH FREQUENCY
MODULATED SINGLE
LONGITUDINAL MODE GREEN
LASER AT 532 nm**


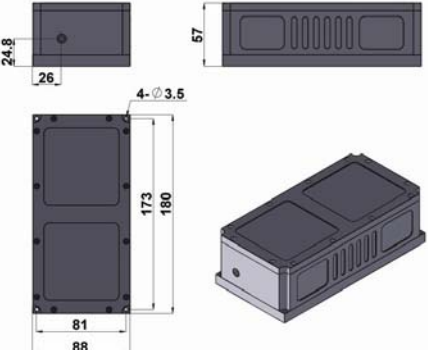

High frequency modulated single longitudinal mode green laser at 532 nm is made features of ultra compact, long lifetime and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, physics experiment,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



SPECIFICATIONS

Wavelength (nm)	532±1
Output power (mW)	>1, 5, 10, 20, ..., 150
Transverse mode	Near TEM ₀₀
Longitudinal mode	Single
M ² factor	<1.3
Power stability (rms over 4 hours)	<1%, <3%, <5%
Operating mode	CW
Beam divergence, full angle (mrad)	<1.2
Beam diameter at the aperture (mm)	~1.5
Optical Noise (rms, 1~20MHz)	<0.5%
Spectral linewidth (nm)	<0.00001
Beam height from base plate (mm)	24.8
Coherent length (m)	>50
Operating temperature (°C)	15~35
Power supply (90-264VAC)	PSU-H-FDA
Modulation	>1MHz
Expected lifetime (hours)	10000
Warranty	1 year



MxL-III-532-AOM	Dimension	PSU-H-FDA	Dimension
 <p>180(L)×88(W)×57(H) mm³, 1.6kg</p>		 <p>290 (L) ×140(W) ×94 (H) mm³, 2.3 kg</p>	