



SINGLE MODE 532NM LASER MODULE

- Ultra-Compact all solid state 532nm green laser
- High power stability
- Wide operating temperature range
- Excellent sealing and long term lifetime
- Works in pressure environments of 0.02 kPa

SPECIFICATIONS

Model	MSL-S-532-B (Normal condition)
Wavelength (nm)	532±2
Operating mode	CW
Output power (mW)	>50
Power stability (rms, over 4 hours)	<5%
Transverse mode	TEM ₀₀
Longitudinal mode	Single
Spectral linewidth (nm)	<0.00001
Coherent length (m)	>50
Noise of amplitude (rms, 20Hz~20MHz)	<0.5%
M ² factor	<1.2
Beam diameter at the aperture(1/e ² ,mm)	0.32±15%
Beam divergence, full angle (mrad)	<3
Polarization ratio	>100:1,Vertical
Pointing stability Over Temp. (μrad/°C)	<6
Warm-up time (minutes)	<5
Beam height from base plate (mm)	19
Power Consumption(W)	<30
Shock Tolerance(6ms)	7g laterally,15g vertically
IP Rating	IP65
Power supply(90-264VAC)	PSU-A-FP
Operating temperature (°C)	10-35
Max. Heat Dissipation of Head(W)	4W@25°C
Modulation	Modulation isn't available.
Expected lifetime (hours)	10000
Warranty	1 year

DNA Sequencing / Flow Cytometry / Cell sorting / Spectrum Analysis

MxL-S-532	PSU-A-F
<p>100 (L) × 40 (W) × 40(H) mm³, 0.36kg</p>	<p>162(L) × 144(W) × 55(H) mm³, 0.5kg</p>