



MGL-S-532/50mW

- 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

DNA Sequencing / Flow Cytometry / Cell sorting / Spectrum Analysis

SPECIFICATIONS

Model	MLL-S-532-B(Normal condition)
Central wavelength (nm)	532±1
●perating mode	CW
●output power (mW)	>50
Power stability (rms, over 4 hours)	<5%
Transverse mode	TEM ₀₀
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 ●ver Temp. (μrad/°C)	<6
Noise of amplitude (rms, 20Hz~20MHz)	<0.5%
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
●perating temperature (°C)	10-35
Max. Heat Dissipation of Head(W)	4W@25°C
Modulation	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz;
Expected lifetime (hours)	10000
Warranty	1 year

MxL-S-532	PSU-A-F
<p style="text-align: center;">100 (L) × 40 (W) × 40(H) mm³, 0.36kg</p>	<p style="text-align: center;">162(L) × 144(W) × 55(H) mm³, 0.5kg</p>