



MGL-DS-532/1~150mW

LD PUMPED ALL-SOLID-STATE GREEN LASER

All solid state 532 nm green laser is made features of ultra compact, small size, photoelectric integrated, built-in electric shutter, 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

Model	MGL-DS-532
Wavelength (nm)	532±1
Operating mode	CW
Output power before fiber (mW)	>1,5,10,20,...,150
Power stability (rms, over 4 hours)	<1%, <2%, <3%
Transverse mode	TEM ₀₀
M ² factor	<1.2 (<1.1 optional)
Beam diameter at the aperture(1/e ² ,mm)	0.7±0.05
Beam divergence, full angle (mrad)	<1.5
Polarization ratio	>100:1 Horizontal±5 degree (Vertical Optional)
Pointing stability after warm-up (mrad)	<0.05
Pointing stability Over Temp. (μrad/°C)	<8
Warm-up time (minutes)	<5
Beam height from base plate (mm)	19
Power Consumption(W)	<6
Fiber (Optional)	Multimode/ Single Mode
Shock Tolerance(6ms)	7g laterally, 15g vertically
Power Supply	5V DC (Photoelectric integrated)
Operating temperature (°C)	10-35
Storage temperature (°C)	5-50
Modulation	Modulation isn't available.
Expected lifetime (hours)	10000
Warranty	1 year



MGL-DS-532

Without Fiber	With Multimode Fiber	With Single Mode Fiber
<p>100 (L) × 60 (W) × 40(H) mm³, 0.41kg</p>	<p>130.5(L) × 60(W) × 45(H) mm³, 0.5kg</p>	<p>139(L) × 60(W) × 46(H) mm³, 0.54kg</p>