



Your source for high quality, affordable lasers

Model: MSL-R-532/1~5W


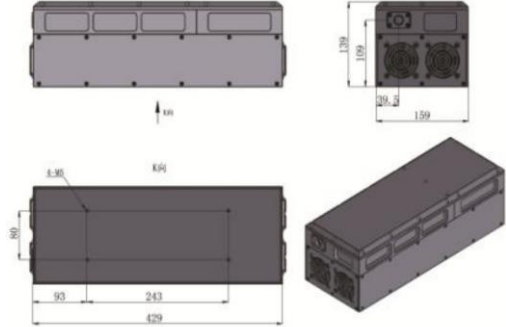

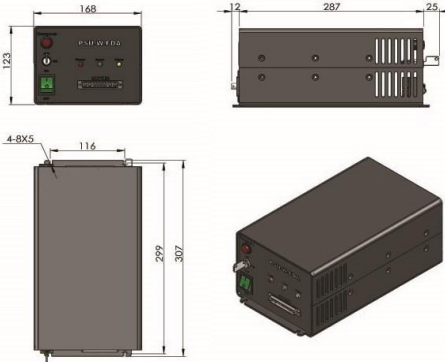
DATA SHEET

SINGLE LONGITUDINAL MODE GREEN LASER AT 532nm

All-solid-state single longitudinal mode green laser at 532nm 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.



Wavelength (nm)	532 ±1
Output Power (W)	>1, 2, ..., 5
Transverse Mode	TEM ₀₀
Longitudinal mode	Single
Operating Mode	CW
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Warm-up time (minutes)	<10
M ² factor	<1.2
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (mm)	~1.5
Beam height from base plate (mm)	109
Spectral line width (nm)	<0.00001
Coherence length (m)	>30
Polarization ratio	>100:1
Pointing stability after warm-up (mrad)	<0.05
Noise of amplitude (rms, 20Hz~20MHz)	<0.5%
Operating temperature (°C)	20~30
Power supply (90-264VAC)	PSU-W-FDA
Expected lifetime (hours)	10,000
Warranty period	1 year

MSL-R-532	Dimensions	PSU-W-FDA	Dimensions
	 <p>429(L) ×159(W) ×139(H) mm³</p>		 <p>324 (L) ×168(W) ×123 (H) mm³, 5.1kg</p>