



Your source for high quality, affordable lasers

DATA SHEET

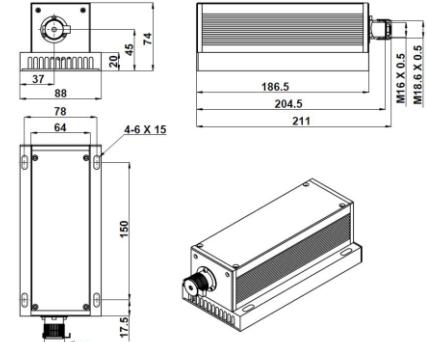
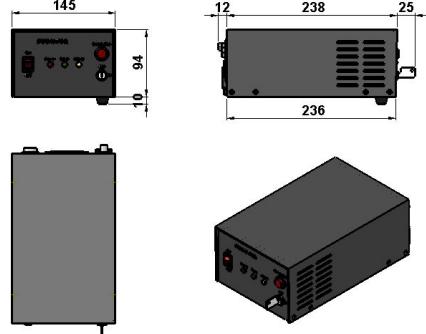
SINGLE LONGITUDINAL MODE GREEN LASER AT 532NM

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.



Model: MSL-F-532/500~1000mW

Wavelength (nm)	532
Output power (mW)	>500, 600, ..., 1000
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	<1.5
Beam divergence, full angle (mrad)	<1.2
Beam diameter at the aperture (mm)	<2.5
Beam height from base plate (mm)	45
Spectral line width (nm)	<0.00001
Polarization ratio	>100:1, Vertical ± 5 degree (Horizontal optional)
Pointing stability after warm-up (mrad)	<0.05
Noise of amplitude (rms, 20Hz~20MHz)	<1%, typical <0.5%
Coherent length (m)	>50
Operating temperature (°C)	10~35
Power supply (90~264VAC)	PSU-H-FDA
Modulation option	N/A
Expected lifetime (hours)	10,000
Warranty period	1 year

MSL-F-532	Dimensions	PSU-H-FDA	Dimensions
	 211(L) × 88(W) × 74(H) mm ³ , 1.6kg		 236(L) × 145(W) × 104(H) mm ³ , 2.3kg