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## DATA SHEET

### LD PUMPED ALL-SOLID-STATE LOW NOISE GREEN LASER

All solid state 532nm low noise laser is made features of ultra-compact, long lifetime, low cost and easy to operate, which is used in DNA sequencing, flow cytometry, cell sorting, instrument, spectrum analysis, interference, measurement, holography, laser printing, chip inspection, physics experiments etc.



**Model: MLL-F-532/1500~3000mW**

Wavelength ( nm )	532 ± 1nm	
Output Power ( mW )	>1500, 2000, 2500, 3000	
Transverse Mode	TEM <sub>00</sub>	
Operating Mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Noise of amplitude (rms, 20Hz~20MHz)	<1%	
Warm-up time (minutes)	<10	
M <sup>2</sup> factor	<1.5	
Beam divergence, full angle (mrad)	<1.2	
Beam diameter at the aperture (mm)	~2.0	
Beam height from base plate (mm)	45	
Polarization ratio	>100:1	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-FDA	PSU-H-OEM
Expected lifetime (hours)	10,000	
Warranty period	1 year	

MxL-F-532	Dimensions	PSU-H-FDA	PSU-H-OEM
	<p>214(L) × 88(W) × 74(H) mm<sup>3</sup>, 1.6kg</p>	<p>275 (L) × 145(W) × 104 (H) mm<sup>3</sup>, 2.3kg</p>	<p>245.5 (L) × 146(W) × 94 (H) mm<sup>3</sup>, 2.2kg</p>