



MLL-FN-526.5/1~400mW



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

All solid state 526.5nm green laser is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, laser printing, chip inspection, physics experiment, etc.



**SPECIFICATIONS**

Central wavelength (nm)	526.5±1	
Operating mode	CW	
Output power (mW)	>1, 10, 50, ... ,400	
Power stability (rms, over 4 hours)	<3%, <5%, <10%	
Transverse mode	Near TEM <sub>00</sub>	
Noise of amplitude (rms, 20Hz~20MHz)	<1%	
M <sup>2</sup> factor	<1.5	
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~2.0	
Beam divergence, full angle (mrad)	<1.5	
Polarization ratio	>100:1 Horizontal ±5 degree (Vertical Optional)	
Warm-up time (minutes)	<10	
Pointing stability after warm-up (mrad)	<0.05	
Beam height from base plate (mm)	27.4	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Expected lifetime (hours)	10000	
Warranty	1 year	



Note: The laser head needs to be used on a heat sink with good heat dissipation.

MXL-FN-526.5	PSU-H-LED	PSU-H-FDA
<p>197(L)×70(W)×50(H) mm<sup>3</sup>, 1.36kg</p>	<p>277 (L) ×145(W) ×106 (H) mm<sup>3</sup>, 2.6 kg</p>	<p>236(L) ×145(W) ×104(H) mm<sup>3</sup>, 2.3 kg</p>