



MLL-FN -522/1~100mW

**LOW NOISE GREEN LASER
MODULE AT 522 nm**

Green laser module at 522 nm is made features of ultra compact, long lifetime, and easy operating, which is widely used in laser projection, laser shows, biomedical applications, holography, metrology, etc.



SPECIFICATIONS

Wavelength (nm)	522±1	
Output power (mW)	>1, 10, 20, ... , 100	
Transverse mode	Near TEM ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Warm-up time (minutes)	<5	
M ² factor	<1.3	
Beam divergence, full angle (mrad)	<1.2	
Dimensions of beam at the aperture (mm)	~2	
Beam height from base plate (mm)	27.4	
Spectral linewidth (nm)	<0.3	
Polarization ratio	>100:1 (Vertical) (option: Horizontal)	
Noise of amplitude (rms, 20Hz~20MHz)	<1%	
Operating temperature (°C)	10~35	
Power supply (90-264VAC or 5VDC)	PSU-H-LED	PSU-H-FDA
Expected lifetime (hours)	10000	
Warranty	1 year	



MXL-FN-522	PSU-H-LED	PSU-H-FDA
<p>197(L)×70(W) ×50(H), 2.0 kg</p>	<p>268 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	<p>238 (L) ×146(W) ×102 (H) mm³, 2.3 kg</p>