



MLL-FN-556/1~500mW

**LD PUMPED ALL-SOLID-STATE
LOW NOISE YELLOW GREEN
LASER AT 556nm**

Low noise yellow green laser at 556nm is made features of ultra compact, long lifetime, low cost and high stability, which is used in scientific experiment, optical sensor, measurement, instrument, communication, spectrum analysis, etc.




SPECIFICATIONS

Wavelength (nm)	556 ± 1	
Output power (mW)	>1, 5, 10, 20, ... , 500	
Transverse mode	TEM ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours)	<3%, <5%, <10%	
Warm-up time (minutes)	<10	
M ² factor	<1.2	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at the aperture (mm)	~2.0	
Beam height from base plate (mm)	27.4	
Polarization ratio	>100:1 (0 or 90 degree)	
Noise of amplitude (rms, 20Hz~20MHz)	<1%	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature(°C)	10~35	
Power supply (90-264VAC or 5VDC)	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-556	PSU-H-LED	PSU-H-FDA
 197(L)×70(W) ×50(H), 2.0 kg	 268 (L) ×145(W) ×106 (H) mm ³ , 2.6 kg	 238 (L) ×146(W) ×102 (H) mm ³ , 2.3 kg
		