

MLL-FN-556/1~200mW



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	
Operating mode	CW	
Output power (mW)	>1, 5, 10, 20, ... , 100	>100, ... , 200
Power stability (rms, over 4 hours)	<1%, <2%, <3%	<2%, <3%, <5%
Transverse mode	TEM ₀₀	
M ² factor	<1.2	
Noise of amplitude (rms, 20Hz~20MHz)	<1%	
Beam diameter at the aperture (1/e ² , mm)	~2.0	
Beam divergence, full angle (mrad)	<1.5	
Polarization ratio	>100:1 Vertical±5 degree (Horizontal 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-FDA	
Expected lifetime (hours)	10000	
Warranty	1 year	



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

MLL-FN-556	PSU-H-FDA
<p>197(L)×70(W)×50(H) mm³, 1.5kg</p>	<p>275(L) ×145(W) ×104(H) mm³, 2.3 kg</p>