



Your source for high quality, affordable lasers

## DATA SHEET

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

Low noise all solid state 532nm green laser is made features of high output power stability, good beam profile, ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.



**Model: MLL-FN-532/1~1500mW**

Wavelength ( nm )	532 ± 1nm	
Output Power ( mW )	>1,5,10, 20, ... 1500	
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%, <0.5%	
Warm-up time (minutes)	<10	
M <sup>2</sup> 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 (o or 90 degree)	
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)	10,000	
Warranty period	1 year	

MxL-FN-532	Dimensions	PSU-H-LED	PSU-H-FDA
	<p><b>207(L) ×70(W) ×50(H) mm<sup>3</sup>, 2.0kg</b></p>	<p><b>277 (L) ×145(W) ×106 (H) mm<sup>3</sup>, 2.6 kg</b></p>	<p><b>275 (L) ×145(W) ×104 (H) mm<sup>3</sup>, 2.3kg</b></p>