



**MLL-FN-671/1~1000mW**

**LD PUMPED ALL-SOLID-STATE  
LOW NOISE RED LASER  
AT 671nm**

Low noise red laser at 671nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, and scientific research etc.



**SPECIFICATIONS**

Wavelength (nm)	671 ± 1	
Output power (mW)	>1, 10, 100, ... , 1000	
Transverse mode	Near TEM <sub>00</sub>	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Noise of amplitude (rms, 20Hz~20MHz)	<1%	
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 (0 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)	10000	
Warranty	1 year	



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

MXL-FN-671	PSU-H-LED	PSU-H-FDA
 197(L)×70(W) ×50(H), 2.0 kg	 268 (L) ×145 (W) ×106 (H) mm <sup>3</sup> , 2.6 kg	 238 (L) ×146(W) ×102 (H) mm <sup>3</sup> , 2.3 kg
		