



MRL-FN-671/1~1000mW

SPECIFICATIONS

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

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



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%	
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
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
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
		