

MRL-H-671/500~1000mW

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

All solid state 671nm red laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in optical instrument, spectrum analysis, interference, measurement, medicine diagnosis, chip inspection, scientific experiment, etc.



SPECIFICATIONS

Wavelength (nm)	671±1		
Output power (mW)	>500, 550, 600, ..., 1000		
Transverse mode	Near TEM ₀₀		
Operating mode	CW		
Power stability (rms, over 4 hours)	<3%, <5%, 10%		
Warm-up time (minutes)	<10		
M ² factor	<2.0		
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at the aperture (mm)	~3.0		
Beam height from base plate (mm)	29		
Polarization ratio	>100:1		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option		
Expected lifetime (hours)	10000		
Warranty period	1 year		



MxL-H-671	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
<p>153(L)×77(W)×60(H) mm³, 0.9 kg</p>	<p>268 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	<p>238 (L) ×146(W) ×102 (H) mm³, 2.3 kg</p>	<p>238 (L) ×146(W) ×94 (H) mm³, 2.2 kg</p>