

MLL-F-671/1~1.5W



**LD PUMPED ALL-SOLID-STATE
LOW NOISE RED LASER**

All solid state 671nm low noise laser is made features of ultra compact, long lifetime, and easy to operate, which is used in DNA sequencing, flow cytometry, cell sorting, instrument, spectrum analysis, interference, measurement, holography, laser printing, chip inspection, physics experiments etc.



SPECIFICATIONS

Wavelength (nm)	671±1		
Operating mode	CW		
Output power (W)	>1, 1.1, 1.2, ..., 1.5		
Power stability (rms, over 4 hours)	<1%, <2%, <3%		
Transverse mode	TEM ₀₀		
Noise of amplitude (rms, 20Hz~20MHz)	<1%		
M ² factor	<1.2		
Beam divergence, full angle (mrad)	<2.0		
Beam diameter at the aperture (1/e ² ,mm)	~3.0		
Warm-up time (minutes)	<10		
Polarization ratio	>100:1		
Pointing stability after warm-up (mrad)	<0.05		
Beam height from base plate (mm)	45		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional		
Expected lifetime (hours)	10000		
Warranty period	1 year		



MxL-F-671	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
<p>214 (L) × 88 (W) × 74 (H) mm³, 1.6 kg</p>	<p>277 (L) × 145 (W) × 106 (H) mm³, 2.6 kg</p>	<p>275 (L) × 146 (W) × 104 (H) mm³, 2.4 kg</p>	<p>238 (L) × 146 (W) × 94 (H) mm³, 2.2 kg</p>