



MLL-FN-639/1~700mW

**LD PUMPED
ALL-SOLID-STATE
LOW NOISE RED LASER
AT 639nm**

Low noise all solid state 639nm red laser 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)	639±1
Output power (mW)	>1,10,20...700
Transverse mode	TEM ₀₀
Operating mode	CW
Power Stability (rms,over 4 hours)	<1%,<3%,5%
Noise of amplitude (rms,1~20MHz)	<1%
Warm-up Time (minutes)	<10
M ² 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(Horizontal) (option: vertical)
Pointing stability after warm-up (mrad)	<0.05
Operating temperature(°C)	10~35
Power supply (90-264VAC)	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-639	Dimension	PSU-H-FDA	Dimension
<p>197(L)×70(W) ×50(H), 2.0 kg</p>		<p>238 (L) ×146(W) ×102 (H) mm³, 2.3 kg</p>	