



MLL-DP-639/1000~1500mW



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

Central wavelength (nm)	639 ± 1
Operating mode	CW
Output power (mW)	>1000,...1500
Power stability (rms, over 4 hours)	<1%, <2%, <3%
Transverse mode	TEM ₀₀
M ² factor	<2.0
Spectral line width (nm)	<0.003
Noise of amplitude (rms, 1Hz~20MHz)	<1%
Coherent length (cm)	>10
Beam diameter at the aperture (1/e ² , mm)	<2.0
Beam divergence, full angle (mrad)	<1.2
Warm-up time (minutes)	<10
Beam height from base plate (mm)	27.4
Cooled method	Water Cooled
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-DP
Expected lifetime (hours)	10000
Warranty	1 year



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

MLL-DP-639	PSU-DP	Water Chiller(WCH-600)
<p>214.3(L)×138(W)×85(H) mm³, 2.3kg</p>	<p>326(L) ×292(W) ×148 (H) mm³, 4.9 kg</p>	<p>270(L) ×320(W) ×330(H) mm³, 18 kg</p>