

MLL-FN-607/1~600mW



LD PUMPED ALL-SOLID-STATE LOW NOISE LASER

All solid state 607nm low noise laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.



SPECIFICATIONS

Central wavelength (nm)	607±1
Operating mode	CW
Output power (mW)	>1,10,20...600
Power stability (rms, over 4 hours)	<10%, <5%, <3%, <2%
Transverse mode	TEM ₀₀
Noise of amplitude (rms, 1Hz~20MHz)	<1%
M ² factor	<1.5
Beam diameter at the aperture (1/e ² , mm)	<1.5
Beam divergence, full angle (mrad)	<2.0
Polarization ratio	> 100:1 Vertical±5 degree (Horizontal Optional)
Warm-up time (minutes)	<5
Pointing stability after warm-up (mrad)	<0.05
Beam height from base plate (mm)	27.4
Operating temperature (°C)	10~35
Power supply (90-264VAC / DC 12V)	PSU-H-FDA / PSU-H-OEM
Expected lifetime (hours)	10000
Warranty	1 year



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

MLL-FN-607	PSU-H-FDA	PSU-H-OEM
<p>197(L)×70(W)×50(H) mm³, 1.5 kg</p>	<p>276.6 (L) ×145(W) ×103.6 (H) mm³, 2.3 kg</p>	<p>235(L) ×110(W) ×45(H) mm³, 1.1 kg</p>