



MLL-FN-670/1~300mW



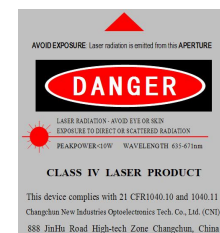
**LD PUMPED ALL-SOLID-STATE
LOW NOISE RED LASER
AT 670nm**

Low noise red laser at 670nm 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)	670 ± 0.5
Operating mode	CW
Output power (mW)	>1,10,20...300
Power stability (rms, over 4 hours)	<0.5%, <1%
Transverse mode	TEM ₀₀
M ² factor	<1.1
Beam diameter at the aperture (1/e ² , mm)	<1.5
Beam divergence, full angle (mrad)	<1.2
Noise of amplitude (rms, 1Hz~20MHz)	<0.5%
Polarization ratio	>100:1 Horizontal ± 5 degree
Warm-up time (minutes)	<10
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)	PSU-H-LED/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.

MLL-FN-670	PSU-H-LED	PSU-H-FDA
<p>197(L)×70(W)×50(H) mm³, 1.5 kg</p>	<p>277 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	<p>275(L) ×145(W) ×104(H) mm³, 2.3 kg</p>