



MRL-FN-670/1~300mW



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

All solid state 670nm red laser is made feature of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, and laser lighting show etc.



SPECIFICATIONS

Central wavelength (nm)	670 ± 0.5
Operating mode	CW
Output power (mW)	>1,10,20...300
Power stability (rms, over 4 hours)	<1%
Transverse mode	TEM <sub>00</sub>
M <sup>2</sup> factor	<1.2
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	<1.5
Beam divergence, full angle (mrad)	<1.2
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.

MRL-FN-670	PSU-H-LED	PSU-H-FDA
<p>197(L)×70(W)×50(H) mm<sup>3</sup>, 1.5 kg</p>	<p>277 (L) × 145(W) × 106 (H) mm<sup>3</sup>, 2.6 kg</p>	<p>275(L) × 145(W) × 104(H) mm<sup>3</sup>, 2.3 kg</p>