



MRL-FN-613/1~20mW



**LD PUMPED ALL-SOLID-STATE
RED LASER AT 613nm**

All solid state 613nm red laser is made features 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)	613 ± 1
Operating mode	CW
Output power (mW)	>1,5,10,20
Power stability (rms, over 4 hours)	<2%, <3%, <5%
Transverse mode	Near TEM ₀₀
M ² factor	<1.2
Beam diameter at the aperture (1/e ² , mm)	<1.0
Beam divergence, full angle (mrad)	<1.5
Polarization ratio	> 100:1 Horizontal ± 5 degree (Vertical Optional)
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-613	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>