

MRL-N-635/2000~3000mW

RED DIODE LASER At 635nm

Diode red laser 635nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



SPECIFICATIONS

Wavelength (nm)	635±5
Output power (mW)	>2000, 2100, 2200, ..., 3000
Transverse mode	Near TE ₀₀
Operating mode	CW
Power stability (rms, over 4 hours)	<3%, <5%, <10%
Warm-up time (minutes)	<5
M ² factor	<20
Beam divergence, full angle (mrad)	<5.0
Dimensions of beam at the aperture (mm)	~5.0 × 6.0
Polarization direction	Horizontal+Vertical
Beam height from base plate (mm)	68.2
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-FDA
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off
Expected lifetime (hours)	10000
Warranty	1 year
Remarks	MRL-635 is a diode laser module, so the beam quality is not as good as the solid-state laser at 671nm. The beam spot is nearly square.



MxL-N-635	Dimension	PSU-H-FDA	Dimension
<p>240(L)×99(W) ×94(H) mm³, 2.6 kg</p>		<p>238 (L) ×146(W) ×102 (H) mm³, 2.3 kg</p>	