

MRL-F-637/500-1000mW

RED DIODE LASER AT 637nm

Diode red laser 637nm 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)	637±5	
Output power (mW)	>500	>1000
Transverse mode	Near TE ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Warm-up time (minutes)	<5	
M ² factor	<20	
Beam divergence, full angle (mrad)	<1.0	
Dimensions of beam at the aperture (mm)	~5. 0	
Polarization	Non polarized	Horizontal or Vertical on request
Beam height from base plate (mm)	45	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC or 5VDC)	PSU-H-OEM-S	
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Expected lifetime (hours)	10000	
Warranty	1 year	



MRL-F-637	DIMENSION	PSU-H-OEM-S	DIMENSION
<p>209(L)×88(W)×74(H) mm³, 1.6 kg</p>		<p>190(L)×104(W)×85(H) mm³, 1.3 kg</p>	