

MRL-F-635/1500mW

**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)	>1500		
Transverse mode	Near TE ₀₀		
Operating mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Warm-up time (minutes)	<10		
M ² factor	<20		
Beam divergence, full angle (mrad)	<5		
Polarization	Linear, horizontal (Vertical is on request)		
Dimensions of beam at the aperture (mm)	<5×6		
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-FDA	PSU-H-LED	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-635	PSU-H-FDA	PSU-H-LED	PSU-H-OEM-S
 209(L)×88(W)×74(H) mm ³ , 1.6 kg	 238 (L) ×146(W) ×102 (H) mm ³ , 2.3 kg	 268 (L) ×145(W) ×106 (H) mm ³ , 2.6 kg	 190(L)×104(W) ×85(H) mm ³ , 1.3 kg
