



OEM-D-637 /500-1000mW

**RED DIODE LASER
At 637nm**

Diode red laser at 637nm is made features of round spot, 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, 600, ..., 1000	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Warm-up time (minutes)	<5	
Beam divergence, half angle (mrad)	<0.5	
Beam diameter at the aperture (mm)	3.5×4 (1/e ²)/ 3×3.5 (FWHM)	
Polarization direction	Horizontal/Vertical	
Beam height from base plate (mm)	45/68.2 (with heat sink)	28.5 (without heat sink)
Operating temperature (°C)	10-35 (with heat sink)	
Power supply (90-264VAC or 12VDC&7A)	PSU-H-LED/PSU-H-FDA/PSU-D-OEM-H	
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Expected lifetime (hours)	10000	
Warranty	1 year	



Note: Heat sink is needed for this red diode laser module, it is available up on request.

OEM-D-637	D-637-HS	PSU-H-LED	PSU-H-FDA	PSU-D-OEM-H	Accessories
 141(L)×147(W)×50(H) mm ³ , 0.8kg Without heat sink	 153(L)×126(W)×88.7(H) mm ³ , 1.5kg With heat sink	 268(L)×145(W)×106(H) mm ³ , 2.6 kg	 238 (L)×146(W)×102 (H) mm ³ , 2.3 kg	 86(L)×94(W)×52(H) mm ³ , 0.20 kg	 100-240VAC Adapter
