



**OEM-MD-637 /600-1300mW**

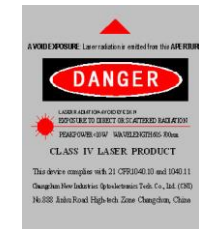
**RED DIODE LASER  
At 637nm**

OEM 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	
Operating mode	CW	
Output power (mW)	> 600, ..., 1300	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~5.1×4.1	
Beam divergence, full angle (mrad)	<1	
Polarization direction	Horizontal	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	28.5 (OEM-MD-637)	68.2 (MD-637-HS)
Operating temperature (°C)	25+/-3 (OEM-MD-637)	10-35 (MD-637-HS)
Power supply (100-240VAC or 13VDC)	PSU-MD-OEM	
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Expected lifetime (hours)	10000	
Warranty	1 year	



OEM-MD-637	MD-637-HS	PSU-MD-OEM	Adapter
<p style="text-align: center;"><b>116(L)×75(W) ×54(H) mm<sup>3</sup>,1.2kg</b></p>	<p style="text-align: center;"><b>153(L)×81(W) ×93.7(H) mm<sup>3</sup>,1.8kg</b></p>	<p style="text-align: center;"><b>76(L)×49(W) ×32(H) mm<sup>3</sup>,0.1kg</b></p>	<p style="text-align: center;"><b>76(L)×49(W) ×32(H) mm<sup>3</sup>,0.5kg</b></p>