



OEM-SD-637/200-500mW

**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	
Operating mode	CW	
Output power (mW)	>200, ..., 500	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Beam diameter at the aperture ((1/e ² ,mm)	3.5×1.8	
Beam divergence, full angle (mrad)	<1	
Polarization direction	Horizontal+ Vertical	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	28.5 (OEM-SD-637)	68.2 (SD-637-HS)
Operating temperature (°C)	25+/-3 (OEM-SD-637)	10~35 (SD-637-HS)
Power supply (85-264VAC or 5VDC)	PSU-III-OEM	
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Expected lifetime (hours)	10000	
Warranty	1 year	



OEM-SD-637	SD-637-HS	PSU-III-OEM	Adapter
<p style="text-align: center;">107(L)×77(W) ×49(H) mm³, 0.8kg</p>	<p style="text-align: center;">134(L)×99(W) ×88.7(H) mm³, 1.6kg</p>	<p style="text-align: center;">100 (L) ×62(W) ×56 (H) mm³, 0.2kg</p>	<p style="text-align: center;">120(L)×60(W) ×37(H) mm³, 0.2kg</p>