



OEM-D-640H /1000mW

**RED DIODE LASER  
At 640nm**

Diode red laser at 640nm 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)	640 ± 5		
Output power (mW)	>1000		
Transverse mode	Near round		
Operating mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Warm-up time (minutes)	<5		
Beam divergence, full angle (mrad)	<1.0		
Dimensions of beam at the aperture (mm)	~5. 0		
Polarization direction	Horizontal+Vertical	Horizontal	Vertical
Beam height from base plate (mm)	28.5		
Operating temperature (°C)	10~35		
Power supply (90-264VAC or 12VDC&7A)	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-640H	PSU-D-OEM-H	Accessories
<p>141(L)×107(W) ×49(H) mm<sup>3</sup>, 0.8kg</p>	<p>86(L)×94(W) ×52(H) mm<sup>3</sup>, 0.20 kg</p>	<p>90-264VAC Adapter</p>