



OEM-D-640 /500mW

**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.


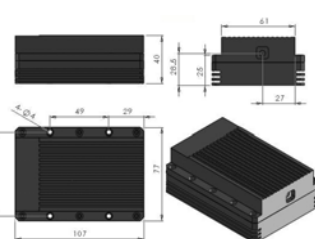

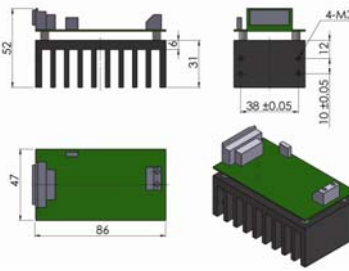



SPECIFICATIONS

Wavelength (nm)	640 ± 5
Output power (mW)	>500
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 (others on request)
Beam height from base plate (mm)	28.5
Operating temperature (°C)	10~35
Power supply (90-264VAC or 5VDC)	PSU-D-OEM
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-640	Dimension	PSU-D-OEM	Dimension	Accessories
 <p>107(L)×77(W)×40(H) mm³, 0.5kg</p>		 <p>86(L)×47(W)×52(H) mm³, 0.10 kg</p>		 <p>90-264VAC Adapter</p>