

**OEM-D-635/1-2W**



**OEM RED DIODE LASER  
AT 635nm**

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in measurement, spectrum analysis, laser lighting show, etc.



**SPECIFICATIONS**

Central wavelength (nm)	635 ±5
Operating mode	CW
Output power (mW)	>1000, ..., 2000
Power stability (rms, over 4 hours)	<1%, <2%, <3%
Polarization direction	Horizontal+ Vertical
Beam diameter at the aperture (mm)	~7.0×4.5
Beam divergence, full angle (mrad)	<2.5×1.0
Warm-up time (minutes)	<5
Beam height from base plate (mm)	35
Operating temperature (°C)	25+/-3
Driver (8VDC 7A)	PSU-6R-OEM/ PSU-6R-OEM-H
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional
Expected lifetime (hours)	10000
Warranty	1 year



OEM-D-635	PSU-6R-OEM	PSU-6R-OEM-H	Accessory (Power supply 100-240VAC)
<p style="text-align: center;">141(L)×107(W)×56.5(H)mm<sup>3</sup>, 2.2kg</p>	<p style="text-align: center;">110(L)×62(W)×31(H) mm<sup>3</sup>, 0.2 kg</p>	<p style="text-align: center;">108(L)×83(W)×66(H) mm<sup>3</sup>, 0.5kg</p>	<p style="text-align: center;">120 (L) ×60(W) ×37(H) mm<sup>3</sup>, 0.3kg</p>