



**OEM-XD-635 /3000-8000mW**

**RED DIODE LASER  
At 635nm**

OEM diode red laser at 635nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



**SPECIFICATIONS**

Wavelength (nm)	635 ± 5	
Operating mode	CW	
Output power (mW)	3000, 4000, 5000	7000,8000
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Beam divergence, half angle (mrad)	<0.8×1.4	<0.8×1.3
Beam diameter at the aperture (mm)	~5×4.8(1/e <sup>2</sup> )	~7×5.5
Polarization direction	Horizontal+ Vertical	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	35(OEM-XD-635)	89(XD-635-HS)
Operating temperature (°C)	25+/-3(OEM-XD-635)	10-35(XD-635-HS)
Power supply (100-240VAC 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	1Year	



EM-XD-635	XD-635-HS	PSU-D-OEM-H	Adapter
<p><b>200(L)×150(W) ×61(H) mm<sup>3</sup>, 1.6kg</b></p>	<p><b>226(L)×150(W) ×115(H) mm<sup>3</sup>, 1.6kg</b></p>	<p><b>120(L)×88(W) ×53(H) mm<sup>3</sup>, 1.6kg</b></p>	<p><b>132(L)×54(W) ×31.2(H) mm<sup>3</sup>, 1.6kg</b></p>