



OEM-XD-637/3000-4000mW

**OEM RED DIODE LASER  
AT 637NM**

OEM diode laser 637 nm red laser is made features of ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.



**SPECIFICATIONS**

Model	OEM-XD-637	
Wavelength (nm)	637±5	
Output power (mW)	3000, 4000	
Operating mode	CW	
Power stability (rms, over 4 hours) at 25°C	<1%, <3%, <5%	
Warm-up time (minutes)	<5	
Beam divergence, half angle (mrad)	<1.3×0.6	
Beam diameter at the aperture (mm)	5×4(1/e <sup>2</sup> )/ 4.5×3 (FWHM)	
Polarization direction	Horizontal+Vertical	
Beam height from base plate (mm)	35(OEM-XD-637)	89(XD-637-HS)
Operating temperature (°C)	25+/-3(OEM-XD-637)	10-35(XD-637-HS)
Power supply	PSU-N-LED/ PSU-N-FDA PSU-XD-OEM	
Expected lifetime (hours)	10000	
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Warranty time	1 Year	



OEM-XD-637	XD-637-HS	PSU-N-LED	PSU-N-FDA	PSU-XD-OEM	Adapter
 222(L)×150(W) ×60(H) mm <sup>3</sup> , 5kg	 237(L)×150(W) ×115(H) mm <sup>3</sup> , 6.8kg	 307(L) ×150(W) ×106 (H) mm <sup>3</sup> , 2.6 kg	 307(L) ×150(W) ×106 (H) mm <sup>3</sup> , 2.3 kg	 233(L)×126(W) ×70.5(H) mm <sup>3</sup> , 1 kg	 211.2(L)×99(W) ×50(H) mm <sup>3</sup> 24V,8.4A
					