

OEM-XD-635 /3000-8000mW

SPECIFICATIONS

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.



Wavelength (nm)	635 ± 5	
Output power (mW)	3000, 4000, 5000	6000,7000,8000
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Warm-up time (minutes)	<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 ²)/ 4.5×3.2 (FWHM)	~7×5.5
Polarization direction	Horizontal+ Vertical	
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	PSU-H-LED/ PSU-H-FDA/PSU-HD-OEM-H	
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Expected lifetime (hours)	10000	
Warranty	1 Year	



OEM-XD-635	XD-635-HS	PSU-H-LED	PSU-H-FDA	PSU-HD-OEM-H	Adapter
					
200(L)×150(W) ×60(H) mm³, 5kg	226(L)×150(W) ×115(H) mm³, 6.6 kg	277(L) ×145(W) ×106 (H) mm³, 2.3 kg	275 (L) ×145(W) ×104(H) mm³, 2.1 kg	120(L)×88(W) ×53(H) mm³, 0.60 kg	132(L)×54(W) ×31.2(H) mm³
					