



MDL-XD-635/2-8W

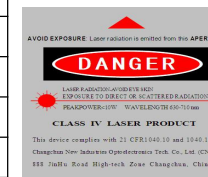
**RED DIODE LASER
AT 635nm**

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±10	
Operating mode	CW	
Output power (mW)	>2000,3000,...,5000	>5000,6000,...,8000
Power stability (rms, over 4 hours)	<1%, <2%, <3%	
Polarization direction	Horizontal+ Vertical	
Beam diameter at the aperture (mm)	~5×4.8	~7×5.5
Beam divergence, full angle (mrad)	<1.6×2.8	<1.6×2.6
Warm-up time (minutes)	<5	
Operating temperature (°C)	10-35	
Power supply (100-240VAC)	PSU-N-LED/ PSU-N-FDA	
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional	
Expected lifetime (hours)	10000	
Warranty	1 year	



MDL-XD-635	PSU-N-LED	PSU-N-FDA
<p>288(L) × 186(W) × 124.8(H) mm³, 6.6 kg</p>	<p>307(L) × 150(W) × 106 (H) mm³, 3.0 kg</p>	<p>307(L) × 150(W) × 106 (H) mm³, 3.0 kg</p>