



MRL-H-627/1~100mW

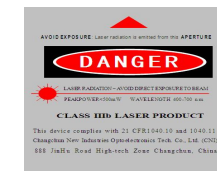
**RED DIODE LASER
AT 627nm**

Red diode laser at 627 nm is made features of ultra compact, long lifetime, and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, etc.



SPECIFICATIONS

Wavelength (nm)	627±5	
Operating mode	CW	
Output power (mW)	>1, 10, 20, ..., 100	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Transverse mode	Multimode	
Beam diameter at the aperture (mm)	~5×7	
Beam divergence, full angle (mrad)	<4.5×1	
Warm-up time (minutes)	<15	
Beam height from base plate (mm)	29	
Operating temperature (°C)	10~35	
Power supply (100-240VAC)	PSU-III-LED	PSU-III-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional	
Expected lifetime (hours)	10000	
Warranty	1 year	



MxL-H-627	PSU-III-LED	PSU-III-FDA
<p>160 (L) × 77 (W) × 60 (H) mm³, 0.9kg</p>	<p>188.6 (L) × 155 (W) × 92 (H) mm³, 1.5kg</p>	<p>171 (L) × 130 (W) × 62.2 (H) mm³, 1.2kg</p>