



## RLTMDL-808 /3000~5000mW





### INFRARED DIODE LASER AT 808 nm

Diode infrared laser module at 808 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.

#### Specifications

Wavelength (nm)	808 ± 3		
Output power (mW)	> 3000, 3100, 3200, ..., 5000		
Transverse mode	Near TE <sub>00</sub>		
Operating mode	CW		
Power stability (rms, over 4 hours)	< 1%, < 3%, < 5%		
Warm-up time (minutes)	< 5		
M <sup>2</sup> factor	< 20		
Beam divergence, full angle (mrad)	< 3.0		
Beam diameter at the aperture (mm)	5 ~ 8		
Beam height from plate (mm)	29		
Polarization ratio	> 50:1		
Pointing stability after warm-up (mrad)	< 0.05		
Operating temperature (°C)	10 - 35		
Power supply (90 – 264VAC or 5VDC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
Expected lifetime (hours)	10000		
Warranty time	1 year		



MxL-H-808	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
 155(L)×77(W)×60(H) mm <sup>3</sup> , 0.9 kg	 240 (L) ×146(W) ×108 (H) mm <sup>3</sup> , 2.6 kg	 238 (L) ×146(W) ×102 (H) mm <sup>3</sup> , 2.3 kg	 238 (L) ×146(W) ×94 (H) mm <sup>3</sup> , 2.2 kg
