



MDL-I-808/1~2500mW

INFRARED DIODE LASER AT 808nm

Diode infrared laser module at 808nm 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
Operating mode	CW
Output power (mW)	>1, 100, 200, 300, ..., 2500
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Transverse mode	Multimode
Dimensions of beam at the aperture (mm)	~5×8
Beam divergence, full angle (mrad)	<3.0
Warm-up time (minutes)	<5
Beam height from base plate (mm)	24.8
Operating temperature (°C)	10~35
Power supply	PSU-III-OEM
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional
Expected lifetime (hours)	10000
Warranty	1 year



MxL-I-808	PSU-III-OEM	Adapter (5VDC)
140 (L) ×36(W) ×40.2 (H) mm³, 0.3kg	100 (L) ×62(W) ×55 (H) mm³, 0.3kg	120 (L) ×60(W) ×37 (H) mm³, 0.3kg