

MDL-III-800R/1~500mW

INFRARED DIODE LASER AT 800nm

Diode infrared laser module at 800nm 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)	800±5	
Output power (mW)	>1, 100, 200, ..., 300	>300, ..., 500
Energy distribution	Even	
Beam Spot	Round	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Warm-up time (minutes)	<5	
Beam divergence, full angle (mrad)	<8.0	<18.0
Dimensions of beam at the aperture (mm)	~2.0	~2.0
Beam height from base plate (mm)	24.8	
Operating temperature (°C)	10~35	
Power supply (90-264VAC or 5VDC)	PSU-III-LED	PSU-III-FDA PSU-III-OEM
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Expected lifetime (hours)	10000	
Warranty	1 year	



MxL-III-800R	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
<p>139(L)×73(W)×46.2(H) mm³, 0.6kg</p>	<p>153 (L) ×155(W) ×92 (H) mm³, 1.5kg</p>	<p>133 (L) ×130(W) ×65 (H) mm³, 1.2kg</p>	<p>100 (L) ×62(W) ×56 (H) mm³, 0.2kg</p>