



MDL-III-1450R/1~100mW

**INFRARED DIODE LASER
At 1450nm**





Diode infrared laser module at 1450nm, 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)	1450 ± 10		
Output power (mW)	>1, 10, 50, 100		
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		
Dimensions of beam at the aperture (mm)	~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-1450R	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>
