

MLL-III-1450/1~500mW

LOW NOISE INFRARED DIODE LASER At 1450nm

Low noise 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±15	
Operating mode	CW	
Output power (mW)	>1, 100, 200, ..., 500	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Transverse mode	Multimode	
Noise of amplitude(rms,20Hz~20MHz)	<1%	
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 (85-264VAC)	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-III-1450	PSU-III-LED	PSU-III-FDA
<p>146 (L) ×73(W) ×46.2 (H) mm³, 0.7kg</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>