

MLL-III-980/1~2000mW

SPECIFICATIONS

LOW NOISE INFRARED DIODE LASER AT 980nm

Low noise infrared diode laser module at 980nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.



Wavelength (nm)	980±5	
Output power (mW)	>1, 100, 200, 300, ..., 2000	
Transverse mode	Multimode	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Warm-up time (minutes)	<5	
Noise of amplitude (rms, 20HZ~20MHz)	<1%	
M ² factor	<20	
Beam divergence, full angle (mrad)	<3.0	
Dimensions of beam at the aperture (mm)	~5×8	
Beam height from base plate (mm)	24.8	
Operating temperature (°C)	10~35	
Power supply (85-264VAC)	PSU-III-LED	PSU-III-FDA
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Expected lifetime (hours)	10000	
Warranty	1 year	



MxL-III-980	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>