



MDL-I-980/1~2000mW

INFRARED DIODE LASER AT 980nm

Diode infrared 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.



SPECIFICATIONS

Wavelength (nm)	980±10
Operating mode	CW
Output power (mW)	>1, 100, 200, 300, ..., 2000
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-980	PSU-III-OEM	Adapter (5VDC)
<p>140 (L) × 36(W) × 40.2 (H) mm³, 0.3kg</p>	<p>100 (L) × 62(W) × 55 (H) mm³, 0.3kg</p>	<p>120 (L) × 60(W) × 37 (H) mm³, 0.3kg</p>