

MDL-III-980/1~2500mW



INFRARED DIODE LASER AT 980nm

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are used in measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

Central wavelength (nm)	980±10
Operating mode	CW
Output power (mW)	>1, 100, 200, 300, ..., 2500
Power stability (rms, over 4 hours)	<3%, <2%, <1%, <0.5%
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	85-264VAC 100-240VAC
Modulation optional	PSU-III-LED/ PSU-III-FDA (Frequency for 1Hz-30kHz) PSU-A-D (Frequency for 30kHz -100kHz)
Expected lifetime (hours)	10000
Warranty	1 year



MDL-III-980	PSU-III-LED	PSU-III-FDA	PSU-A-D
146 (L) × 73 (W) × 46.2 (H) mm³, 0.7kg	188.6 (L) × 155 (W) × 92 (H) mm³, 1.5kg	171 (L) × 130 (W) × 62.2 (H) mm³, 1.2kg	162 (L) × 144 (W) × 70 (H) mm³, 1.0kg