

MDL-N-975/6000~10000mW



**INFRARED DIODE LASER
AT 975nm**

Diode infrared laser module at 975nm is made features of ultra compact, long lifetime and easy operating, which is used in measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	975±5		
Operating mode	CW		
Output power (mW)	>6000, 6500, 7000, ..., 10000		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Transverse mode	Near TE ₀₀		
M ² factor	<20		
Beam divergence, full angle (mrad)	<3.0		
Beam diameter at the aperture (1/e ² ,mm)	5~8		
Warm-up time (minutes)	<5		
Polarization ratio	>100:1		
Beam height from base plate (mm)	68.5		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-N-OEM
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional		
Expected lifetime (hours)	10000		
Warranty period	1 year		



MxL-N-975	PSU-H-LED	PSU-H-FDA	PSU-N-OEM
<p>245(L)×99(W)×94(H) mm³, 2.5 kg</p>	<p>277(L)×145(W)×106(H) mm³, 2.6 kg</p>	<p>275(L)×145(W)×104(H) mm³, 2.4 kg</p>	<p>215(L)×129(W)×122(H) mm³, 2.1 kg</p>