

MIL-N-1064/4000~5000mW

LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1064 nm

All solid state infrared laser at 1064 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical instrument, optical sensor, measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	1064±1		
Output power (mW)	>4000, 4200, 4400, ... ,5000		
Transverse mode	Near TEM ₀₀		
Operating mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Warm-up time (minutes)	<10		
M ² factor	<3.0		
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at the aperture (mm)	~3.0		
Beam height from base plate (mm)	68.2		
Polarization ratio	>100:1		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-N-OEM
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option		
Expected lifetime (hours)	10000		
Warranty period	1 year		



MxL-N-1064	PSU-H-LED	PSU-H-FDA	PSU-N-OEM
<p>240(L)×99(W)×94(H) mm³, 2.6 kg</p>	<p>268(L)×145(W)×106(H) mm³, 2.6 kg</p>	<p>238(L)×146(W)×102(H) mm³, 2.3 kg</p>	<p>215(L)×129(W)×122(H) mm³, 2.145 kg</p>