

MIL-H-1064/2000~3000mW

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
Operating mode	CW
Output power (mW)	>2000, 2100, 2200, ..., 3000
Power stability (rms, over 4 hours)	<1%, <2%, <3%
Transverse mode	Near TEM ₀₀
Warm-up time (minutes)	<10
M ² factor	<2.0
Beam divergence, full angle (mrad)	<2.0
Beam diameter at the aperture (mm)	~3.0
Beam height from base plate (mm)	29
Polarization ratio	>100:1
Pointing stability after warm-up (mrad)	<0.05
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-LED /PSU-H-FDA
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option
Expected lifetime (hours)	10000
Warranty period	1 year



MIL-H-1064	PSU-H-LED	PSU-H-FDA
<p>154.5(L)×77(W)×60(H) mm³, 0.9 kg</p>	<p>277 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	<p>275(L) ×145(W) ×104(H) mm³, 2.3 kg</p>