

MIL-H-1064/2000~3000mW

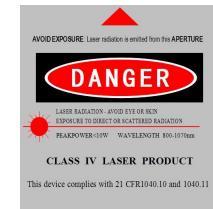
**LD PUMPED ALL-SOLID-STATE  
INFRARED LASER AT 1064 nm**

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 <sub>00</sub>
Warm-up time (minutes)	<10
M <sup>2</sup> 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) mm<sup>3</sup>, 0.9 kg</p>	<p>277 (L) ×145(W) ×106 (H) mm<sup>3</sup>, 2.6 kg</p>	<p>275(L) ×145(W) ×104(H) mm<sup>3</sup>, 2.3 kg</p>