

MLL-H-1064/2000~3000mW

### LOW NOISE INFRARED LASER AT 1064 nm

All solid state low noise 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>
Noise of amplitude(rms, 20Hz~20MHz)	<1%
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-FDA/PSU-H-OEM
Expected lifetime (hours)	10000
Warranty period	1 year



MLL-H-1064	PSU-H-FDA	PSU-H-OEM
<p>154.5(L)×77(W)×60(H) mm<sup>3</sup>, 0.9 kg</p>	<p>275(L)×145(W)×104(H) mm<sup>3</sup>, 2.3 kg</p>	<p>245.5 (L) ×146(W) ×94 (H) mm<sup>3</sup>, 2.2 kg</p>