

MIL-H-912/1~800mW



**LD PUMPED ALL-SOLID-STATE
INFRARED LASER AT 912 nm**

All solid state infrared laser at 912 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)	912±1
Operating mode	CW
Output power (mW)	>1, 100,200, ... ,800
Power stability (rms, over 4 hours)	<2%, <3%, <5%
Transverse mode	Near TEM ₀₀
M ² factor	<2.0
Beam diameter at the aperture (mm)	~3.0
Beam divergence, full angle (mrad)	<2.0
Polarization ratio	>100:1, Vertical±5 degree (Horizontal Optional)
Warm-up time (minutes)	<10
Pointing stability after warm-up (mrad)	<0.05
Beam height from base plate (mm)	29
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-FDA/PSU-H-LED
Expected lifetime (hours)	10000
Warranty period	1 year



MIL-H-912	PSU-H-FDA	PSU-H-LED
<p>154.5(L)×77(W)×60(H) mm³, 0.9 kg</p>	<p>275(L)×145(W)×104(H) mm³, 2.3 kg</p>	<p>277 (L)×145(W)×106 (H) mm³, 2.6 kg</p>