

MIL-FN-912/1~1000mW



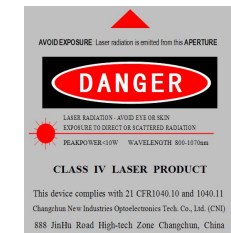
LD PUMPED ALL-SOLID-STATE INFRAFED LASER AT 912nm

All solid state infrared laser at 912nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical sensor, measurement, instrument, communication, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	912±1
Operating mode	CW
Output power (mW)	>1, 5, 10, 20, ... , 1000
Power stability (rms, over 4 hours)	<2%, <3%, <5%
Transverse mode	Near TEM ₀₀
M ² factor	<2.0
Beam diameter at the aperture (1/e ² , mm)	<1.5
Beam divergence, full angle (mrad)	<1.2
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)	27.4
Operating temperature (°C)	15~35
Power supply (90-264VAC)	PSU-H-FDA/PSU-H-LED
Expected lifetime (hours)	10000
Warranty	1 year



Note: The laser head needs to be used on a heat sink with good heat dissipation.

MIL-FN-912	PSU-H-FDA	PSU-H-LED
<p>197(L)×70(W)×50(H) mm³, 1.5 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>