



**MIL-H-1122/300~1000mW**



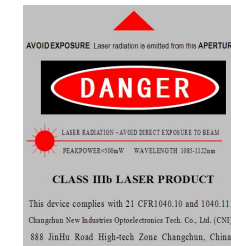
**LD PUMPED ALL-SOLID-STATE  
INFRARED LASER AT 1122nm**

All solid state infrared laser at 1122nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, measurement, optical instrument, optical sensor, communication, spectrum analysis, etc.



**SPECIFICATIONS**

Wavelength (nm)	1122±3	
Output power (mW)	>300, 350, 400, ..., 500	>500, ..., 1000
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%	<2%, <3%, <5%
Transverse mode	TEM <sub>00</sub>	
Operating mode	CW	
Warm-up time (minutes)	<10	
M <sup>2</sup> factor	<2.0	
Beam divergence, full angle (mrad)	<2.0	
Beam diameter at 1/e <sup>2</sup> (mm)	~3.0	
Beam height from base plate (mm)	29	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC or 5VDC)	PSU-H-LED/PSU-H-FDA/PSU-H-OEM	
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
Expected lifetime (hours)	10000	
Warranty	1 year	



MIL-H-1122	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
<p style="text-align: center;">154.5(L)×77(W)×60(H) mm<sup>3</sup>, 0.9 kg</p>	<p style="text-align: center;">277 (L)×145(W)×106 (H) mm<sup>3</sup>, 2.6 kg</p>	<p style="text-align: center;">275(L)×145(W)×104(H) mm<sup>3</sup>, 2.3 kg</p>	<p style="text-align: center;">245.5 (L)×146(W)×94 (H) mm<sup>3</sup>, 2.2 kg</p>