

MIL-H-1338/1~500mW

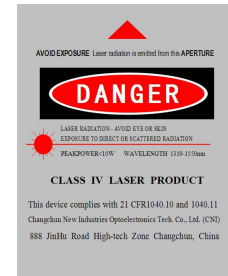


**LD PUMPED ALL-SOLID-STATE
INFRARED LASER AT 1338 nm**

All solid state infrared laser at 1338nm 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)	1338±1
Output power (mW)	>1,20,50... ,500
Power stability (rms, over 4 hours)	<2%, <3%, <5%
Transverse mode	Near TEM ₀₀
Operating mode	CW
Warm-up time (minutes)	<10
M ² 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 Horizontal±5 degree (Vertical Optional)
Pointing stability after warm-up (mrad)	<0.05
Operating temperature (°C)	10~35
Power supply (90-264VAC)	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 period	1 year



MIL-H-1338	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
<p>154.5(L)×77(W)×60(H) mm³, 0.9 kg</p>	<p>277 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	<p>275(L) ×145(W) ×104(H) mm³, 2.3 kg</p>	<p>245.5 (L) ×146(W) ×94 (H) mm³, 2.2 kg</p>