

PDF DATA SHEET

EFORCEAUSTRALIA PTY.LTD ACN:159 503 401

MIL-H-1319/600~1500mW

LD PUMPED ALL-SOLID-STATE **INFRAFED LASER AT 1319 nm**

All solid state infrared laser at 1319nm 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

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Wavelength (nm)	1319±1			
Output power (mW)	>600, 700, 800,,1500			
Laser crystal	Nd:YAG			
Transverse mode	Near TEM ₀₀			
Operating mode	CW			Silver
Power stability (rms, over 4 hours)	<1%, <3%, <5%			3
Warm-up time (minutes)	<10			7/4/1
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			AVODEPOSIPE Leurradation certified from the APERTU
Polarization ratio	>100:1			DANGER
Pointing stability after warm-up (mrad)	<0.05			DANGER
Operating temperature (°C)	10~35			LASERRADIATION -A/ODDINECTEMORIES
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM	PEARPOMER SOME WANTENGTH SOME CLASS IIIb LASER PRODUCT
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option			The desire couples with 21 CFR 1040 10 and 1040 11 Changeline New Industries Optodections Tieth, Co., Ltd. (CNI) 660 Changem Pd., Changeline, P.R. Chan.
Expected lifetime (hours)	10000			
Warranty period	1 year			



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