

长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd.

DATA SHEET

MIL-H-1413/1~300mW

LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1413nm

All solid state infrared laser 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.



Wavelength (nm) 1413±2 Output power (mW) >1, 5, 10,

SPECIFICATIONS

Output power (mW)	>1, 5, 10, 20 , 300			
Transverse mode	Near TEM ₀₀			
Operating mode	CW			
Power stability (rms, over 4 hours)	<1%, <3%, <5%, <10%			
Warm-up time (minutes)	<10			
M ² factor	<1.5			
Beam divergence, full angle (mrad)	<1.5			
Beam diameter at the 1/e ² (mm)	~1.5			
Beam height from base plate (mm)	29			
Pointing stability after warm-up (mrad)	<0.05			AVOD EXPOSURE Lawrindation comfort in the APERTURE
Operating temperature (°C)	10~35			DANGER
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM	DANGER
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option			LARRADATION - AUGIDINE CR. SAN
Expected lifetime (hours)	10000			CLASS IV LASER PRODUCT
Warranty period	1 year			This device complex with 21 CPR (1000 10 and 1540 11 Changchan New Endation Opticiectrons: Tech. Co. (14) (CHI) 668. Changchi R.J., Changchan, P.R. Chus

