C Lasertack New Laser Generation

SPECIFICATIONS

MIL-H-1040/1~100mW

LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1040 nm

All solid state infrared laser at 1040 nm 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.



Si Ben tentiono			
Wavelength (nm)	1040±1		
Output power (mW)	>1, 2, 3,,100		
Laser crystal	Yb:YAG		
Transverse mode	TEM ₀₀		
Operating mode	CW		
Power stability (rms, over 4 hours)	<3%, <5%, <10%		
Warm-up time (minutes)	<10		
M ² factor	<1.2		
Beam divergence, full angle (mrad)	<2.0		
Beam diameter at the aperture (mm)	~3.0		
Beam height from base plate (mm)	29		AVOD EXPOSURE Laserradation is emiled from this APERTURE
Polarization ratio	>3:1(Arbitrarily degree)		DANGER
Pointing stability after warm-up (mrad)	<0.05		DAINGLIK
Operating temperature (°C)	10~35		LASER RADIATION-AVOID DIRECTENPOSURETOEEAM
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	124KPOWER-SOLOW WAVELENGTH SOLD-DOALD CLASS IIIb LASER PRODUCT
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option		This device complex with 21 CFR (104), 10 and (1040-11 Changchun New Industries Optodectrunts Tech, Co., Ltd. (CNI) 688 Changana Rd., Changchun, P.R. Chan
Expected lifetime (hours)	10000		
Warranty period	1 year		

