

LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1319nm

RN-H-1319/600~1500mW

产品描述

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, measurement, optical instrument, optical sensor, communication, spectrum analysis, etc.

产品参数

RN-H-1319/600~1500mW		
Wavelength (nm)	1319±1	
Output power (mW)	>600, 700, 800, ... ,1000	>1000, ... , 1500
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%	<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 1/e ² (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-III-LED/PSU-III-FDA/PSU-III-OEM	
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
Expected lifetime (hours)	10000	
Warranty	1 year	