

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

RN-H-1047/500~1000mW

产品描述

All solid state infrared laser at 1047nm is made features of ultra compact, long lifetime, cost -effectiveness and easy operating, which is used in scientific experiment, optical instrument, optical sensor, measurement, communication, spectrum analysis, etc.

产品参数

RN-H-1047/500~1000mW	
Central wavelength (nm)	1047±1
Operating mode	CW
Output power (mW)	>500, 550, 600, ... ,1000
Power stability (rms, over 4 hours)	<3%, <5%
Warm-up time (minutes)	Near TEM ₀₀
M ² factor	<2.0
Beam diameter at the aperture 1/e ² (mm)	~3.0
Beam divergence, full angle (mrad)	<2.0
Polarization ratio	>100:1 Horizontal±5 degree (Vertical Optional)
Warm-up time (minutes)	<10
Pointing stability after warm-up (mrad)	<0.05
Beam height from base plate (mm)	29
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-III-LED/PSU-III-FDA/PSU-III-OEM-97
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option
Expected lifetime (hours)	10000
Warranty period	1 year