

LOW NOISE INFRARED LASER AT 946 nm

RN-H-946/400~800mW

产品描述

All solid state low noise infrared laser at 914 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical sensor, measurement, instrument, communication, spectrum analysis, etc

产品参数

RN-H-946/400~800mW	
Wavelength (nm)	946±1
Output power (mW)	>400, 450, 500, ... ,800
Transverse mode	Near TEM ₀₀
Operating mode	CW
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%
Noise of amplitude (rms, 20Hz~20MHz)	<1%
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
Pointing stability after warm-up (mrad)	<0.05
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-FDA/PSU-H-OEM
Expected lifetime (hours)	10000
Warranty	1 year

