

LOW NOISE INFRARED LASER AT 946nm

RN-III-946/1~300mW

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-III-946/1~300mW		
Wavelength (nm)	946±1	
Output power (mW)	>1, 5, 10, 20, ... , 200	>200, ... , 300
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%	<2%, <3%, <5%
Transverse mode	TEM ₀₀	
Operating mode	CW	
Noise of amplitude (rms, 20Hz~20MHz)	<1%	
Warm-up time (minutes)	<10	
M2 factor	<1.5	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at 1/e ² (mm)	~1.5	
Beam height from base plate (mm)	24.8	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC or 5VDC)	PSU-III-FDA/PSU-III-OEM-97	
Expected lifetime (hours)	10000	
Warranty	1 year	

