

## LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 912 nm

RN-FN-912/1~1000mW

### 产品描述

All solid state infrared laser at 912nm 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.

### 产品参数

RN-FN-912/1~1000mW	
Central wavelength (nm)	912±1
Operating mode	CW
Output power (mW)	>1, 5, 10, 20, ... , 1000
Power stability (rms, over 4 hours)	<2%, <3%, <5%
Transverse mode	Near TEM <sub>00</sub>
M <sup>2</sup> factor	<2.0
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	<1.5
Beam divergence, full angle (mrad)	<1.2
Polarization ratio	>100:1, Vertical±5 degree (Horizontal Optional)
Warm-up time (minutes)	<10
Pointing stability after warm-up (mrad)	<0.05
Beam height from base plate (mm)	27.4
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-FDA/PSU-H-LED
Expected lifetime (hours)	10000
Warranty period	1 year

