

## LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1342nm

RN-III-1342/1~1000mW

### 产品描述

All solid state infrared laser 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-III-1342/1~1000mW		
Wavelength (nm)	1338±1	
Output power (mW)	>1, 5, 10, 20, ... , 500	>500, ... , 1000
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%	<2%, <3%, <5%
Transverse mode	TEM <sub>00</sub>	
Operating mode	CW	
Warm-up time (minutes)	<10	
M <sup>2</sup> factor	<1.2	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at the aperture (mm)	~1.5	
Beam height from base plate (mm)	24.8	
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 or 5VDC)	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	