

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

RN-N-1342/2~3.5W

### 产品描述

All solid state infrared laser at 1342nm is made features of ultra compact, long lifetime and easy operating, which is used in scientific experiment, optical instrument, optical sensor, measurement, communication, spectrum analysis, etc.

### 产品参数

RN-N-1342/2~3.5W	
Wavelength (nm)	1342±1
Operating mode	CW
Output power (W)	>2, 2.5, ... , 3.5
Power stability (rms, over 4 hours)	<3%, <5%
Transverse mode	Near TEM <sub>00</sub>
M <sup>2</sup> factor	3~6
Beam divergence, full angle (mrad)	<3.0
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~3
Warm-up time (minutes)	<15
Polarization ratio	>100:1
Beam height from base plate (mm)	68.5
Pointing stability after warm-up (mrad)	<0.05
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-LED PSU-H-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional
Expected lifetime (hours)	10000
Warranty period	1 year