

LD PUMPED ALL-SOLID-STATE

BLUE LASER AT 473nm

RN-FN-473/1-500mW

产品描述

All solid state 473nm laser is made features of high stability, ultra compact, long lifetime, cost -effectiveness and easy operating, which is used in fluorescence sensors, Raman spectrum, holography, chip inspection, physics experiments, etc

产品参数

RN-FN-473/1-500mW		
Central wavelength (nm)	473±1	
Operating mode	CW	
Output power (mW)	>1, 50, 100, ..., 150	>150, 200, 250, ... ,500
Power stability (rms, over 4 hours)at 25°C	<1%, <2%, <3%	<2%, <3%, <5%
Transverse mode	TEM ₀₀	Near TEM ₀₀
M ² factor	<1.2	<1.5
Beam diameter at the aperture 1/e ² (mm)	~2.0	~3.0
Beam divergence, full angle (mrad)	<1.5	
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-LED/PSU-H-FDA/PSU-SR	
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
Expected lifetime (hours)	10000	
Warranty period	1 year	