

LD PUMPED ALL-SOLID-STATE

BLUE LASER AT 473nm

RN-F-473/100~500mW

产品描述

All solid state 473 nm blue laser is made features of ultra compact, long lifetime, cost-effectiveness low cost and easy operating, which is used in experiment, fluorescence sensors, Raman spectrum, laser printing, holography, laser display, submarine communication, biomedicine, laser lighting show, etc.

产品参数

RN-F-473/100~500mW		
Central wavelength (nm)	473±1	
Operating mode	CW	
Output power (mW)	>100,150,...., 300	>300,400,....,500
Power stability (rms, over 4 hours)	<2%, <3%, <5%	
Transverse mode	TEM ₀₀	Near TEM ₀₀
M ² factor	<2.0	
Beam diameter at the aperture 1/e ² (mm)	~3.0	
Beam divergence, full angle (mrad)	<1.5	
Polarization ratio	>100:1	
Warm-up time (minutes)	<10	
Pointing stability after warm-up (mrad)	<0.05	
Beam height from base plate (mm)	45	
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	