

LD PUMPED ALL-SOLID-STATE BLUE LASER

RN-III-473/1~100mW

产品描述

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

产品参数

RN-III-473/1~100mW		
Central wavelength (nm)	473±1	
Operating mode	CW	
Output power(mW)	>1, 5, 10, ... , 50	>50, ..., 100
Power stability(rms, over 4 hours)	<1%, <2%, <3%	<2%, <3%, <5%
Transverse mode	TEM ₀₀	
M ² factor	<1.2	
Beam diameter at the aperture(1/e ² mm)	~1.2	
Beam divergence,full angle(mrad)	<1.2	
Polarization ratio	>100:1, Vertical±5 degree (Horizontal Optional)	
Noise of amplitude (rms, 1~20MHz)	~3%	
Warm-up time (minutes)	<10	
Beam height from base plate(mm)	24.8	
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	1 year	