

BLUE DIODE LASER AT 438nm

RN-III-438/1~500mW

产品描述

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in scientific research, laser pointing, measurement, communication, spectrum analysis, etc.

产品参数

RN-III-438/1~500mW		
Central wavelength (nm)	434±1	
Operating mode	CW	
Output power (mW)	>1, 10, 20, ...,100	
Power stability (rms, over 4 hours)	<3%, <5%	
Transverse mode	Near TEM ₀₀	
Beam divergence, full angle (mrad)	<3	
Beam diameter at the aperture (1/e ² ,mm)	~4	
Beam height from baseplate (mm)	100	
Warm-up time (minutes)	<10	
Operating temperature (°C)	15~30	
Power supply	85-264VAC	PSU-III-LED/ PSU-III-FDA (Frequency for 1Hz-30kHz)
	100-240VAC	PSU-A-D (Frequency for 30kHz -100kHz)
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz optional	
Expected lifetime (hours)	10000	
Warranty	1 year	