

VIOLET DIODE LASER AT 405nm

RN-III-405/1~1000mW

产品描述

It features ultra compact design, long lifetime, cost-effectiveness and easy operation.

They are used in measurement, communication, spectrum analysis, etc.

产品参数

RN-III-405/1~1000mW		
Central wavelength (nm)	405±5	405±6
Operating mode	CW	
Output power (mW)	>1, 50, 100, ...,500	>500, 600, 700, ...,1000
Power stability (rms, over 4 hours)	<1%, <2%, <3% (<0.5%, optional)	
Transverse mode	Near TEM ₀₀	Multimode
Noise of amplitude(rms,20Hz~20MHz)	<1.5 (<1.2, optional)	/
M ² factor	~2.5 (~1.2, optional)	~3.0×2.5
Beam diameter at the aperture (1/e ² ,mm)	~0.5	<2.5×1.0
Beam divergence, full angle (mrad)	<1.0	>50:1 Horizontal±5 degree (Vertical Optional)
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	24.8	
Operating temperature (°C)	10~35	
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	