

BLUE DIODE LASER AT 442nm

RN-SD-442/4W

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-SD-442/4W		
Central wavelength (nm)	442±5	
Operating mode	CW	
Output power (mW)	4000	
Power stability (rms, over 4 hours)	<1%, <2%, <3%	
Polarization direction	Horizontal/ Vertical	Horizontal+ Vertical
Beam divergence, full angle (mrad)	~1.4×0.2	
Beam diameter at the aperture (1/e ² ,mm)	~4.7×2.7	~2.7×2.7
Warm-up time (minutes)	<5	
Operating temperature (°C)	10~35	
Power supply (100-240VAC)	PSU-H-LED/ PSU-H-FDA	
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional	
Expected lifetime (hours)	10000	
Warranty	1 year	