

BLUE DIODE LASER AT 442nm

RN-F-442/1000~3500mW

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-F-442/1000~3500mW	
Central wavelength (nm)	442±5
Operating mode	CW
Output power (mW)	>1000, 1100, 1200, ...,2000 >2000, 2100, 2200, ...,3500
Power stability (rms, over 4 hours)	<1%, <2%, <3% (<0.5%, optional)
Transverse mode	Multimode
Beam divergence, full angle (mrad)	1.4×0.2
Beam diameter at the aperture (1/e ² ,mm)	~2.7×2.7 ~3.5×3.5
Warm-up time (minutes)	<5
Beam height from baseplate (mm)	45
Operating temperature (°C)	10~35
Power supply	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