

INFRARED DIODE LASER AT 1268nm

RN-F-1268DFB/1~10mW (TEM₀₀)

产品描述

It features TEM₀₀ mode, ultra compact design, long lifetime, cost-effectiveness and easy operation. They are used in measurement, communication, spectrum analysis, etc

产品参数

RN-F-1268DFB/1~10mW (TEM ₀₀)	
Central wavelength (nm)	1268±2
Operating mode	CW
Output power (mW)	>1,2,3.....,10
Power stability (rms, over 4 hours)	<2%, <3%, <5%
Transverse mode	TEM ₀₀
Ellipticity	>0.95
M ² factor	<1.1
Spectral linewidth (MHz)	~3
Beam diameter at the aperture (1/e ² ,mm)	~1.0
Beam divergence, full angle (mrad)	<1.5
SMSR (dB)	35
Warm-up time (minutes)	<5
Beam height from base plate (mm)	25
Operating temperature (°C)	25+/-3
Power supply (85-264VAC)	PSU-III-LED PSU-III-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional
Expected lifetime (hours)	10000
Warranty	1 year