

NARROW LINEWIDTH DIODE LASER AT 975nm

RN-E-975/1~30mW

产品描述

It features a narrow spectral linewidth, stable wavelength, long lifetime and easy operation. They are widely used in precision measurement, high resolution spectrum analysis, etc.

产品参数

RN-E-975/1~30mW	
Central wavelength (nm)	975±5
Operating mode	CW
Output power (mW)	>1, 2, 3, ...,30
Power stability (rms, over 4 hours)	<1%, <2%, <3%
Transverse mode	Near TEM ₀₀
Spectral linewidth (nm)	<0.06 (<0.03, optional)
M ² factor	<1.5
Beam diameter at the aperture (1/e ² ,mm)	~3.5
Beam divergence, full angle (mrad)	<1.0
Polarization ratio	>10:1 (>50:1, optional) Horizontal±5 degree (Vertical Optional)
Warm-up time (minutes)	<5
Beam height from base plate (mm)	30
Operating temperature (°C)	20~30
Power supply (85-264VAC)	PSU-III-FDA
Expected lifetime (hours)	10000
Warranty	1 year