

Super Luminescent Diode(SLD) AT 830nm

RN-F-830SLD/1~20mW (TEM₀₀)

产品描述

It features TEM₀₀ mode, ultra compact design, long lifetime, cost-effectiveness and easy operation. They are used in measurement Sensor, spectrum analysis, OTC Medical Imaging, Broadband Light Source etc.

产品参数

RN-F-830SLD/1~20mW (TEM ₀₀)	
Central wavelength (nm)	830±5
Operating mode	CW
ASE Output power (mW)	>1,2,...,20
Optical Bandwidth (nm)	20
Power stability (rms, over 4 hours)	<1%, <2%, <3%
Max Gain Ripple (dB) rms	0.04
Transverse mode	TEM ₀₀
Ellipticity	>0.95
M ² factor	<1.1
Beam diameter at the aperture (1/e ² ,mm)	~1.0
Beam divergence, full angle (mrad)	<1.5
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