

## INFRARED DIODE LASER AT 1573nm

RN-F-1590DFB/1~20mW (TEM<sub>00</sub>)

### 产品描述

It features TEM<sub>00</sub> 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-1590DFB/1~20mW (TEM <sub>00</sub> )	
Central wavelength (nm)	1573±2
Operating mode	CW
Output power (mW)	>1,2,3.....,20
Power stability (rms, over 4 hours)	<2%, <3%, <5%
Transverse mode	TEM <sub>00</sub>
Ellipticity	>0.95
M <sup>2</sup> factor	<1.1
Spectral linewidth (MHz)	~3
Beam diameter at the aperture (1/e <sup>2</sup> ,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