

## RN SERIES LASER AT 457nm

RN-XS-457/1~30mW

### 产品描述

It features integrated electronics, plug and play, miniaturization, international standard interface. They are the ideal solution for a wide range of applications including life sciences, environmental monitoring, inspection and machine vision.

### 产品参数

RN-XS-457/1~30mW	
Central wavelength(nm)	457±1
Operating mode	CW
Output power(mW)	>1, 2, 3, ...,30
Power stability(rms, over 4 hours)	<1%, <2%, <3%
Transverse mode	Near TEM <sub>00</sub>
Power stability (rms, over 4 hours)	<1%(<0.5%, optional)
M <sup>2</sup> factor	<1.2
Beam diameter at the aperture(1/e <sup>2</sup> mm)	~1.0
Beam divergence,full angle(mrad)	<1.0
Polarization ratio	>50:1(>100:1, optional) Horizontal±5 degree(Vertical Optional)
Warm-uptime(minutes)	<5
Beam height from base plate (mm)	19
Operating temperature (°C)	10~35
Input voltage	+12VDC
Modulation	DMOD (TTL) or AMOD (Analog) up to 1MHz DMOD+ AMOD (TTL + Analog)
Expected lifetime(hours)	10000
Warranty	1 year