

## DIODE XS SERIES LASER AT 450nm

RN-XS-450/1~30mW

### 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-450/1~30mW	
Central wavelength(nm)	450±5
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>
Noise of amplitude(rms,20Hz~20MHz)	<1%(<0.5%, optional)
M-factor	<1.2
Beam diameter at the aperture(1/e <sup>2</sup> mm)	~1.2
Beam divergence,full angle(mrad)	<1.0
Polarization ratio	>50:1(>100:1,optional) Horizontal±5 degree(Vertical Optional)
Warm-up time(minutes)	<5
Beam height from base plate(mm)	19
Operating temperature(°C)	10~35
Operating voltage	DC12V 4A
Modulation	DMOD (TTL) up to 1MHz
	AMOD (Analog) up to 100kHz
	DMOD+ AMOD (TTL + Analog)
Expected lifetime(hours)	10000
Warranty	1 year