

## DIODE XS SERIES LASER AT 405nm

RN-XS-405/1~200mW

### 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-405/1~200mW	
Central wavelength (nm)	405±5
Operating mode	CW
Output power (mW)	>1.10.20...200
Power stability (rms, over4hours)	<1%, <2%.<3%
Transverse mode	Near TE Moo
Noise of amplitude (rms, 20Hz~20MHz)	<1%(<0.5%, optional)
M <sup>2</sup> factor	<1.2
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~1.2
Beam divergence , fullangle(mrad)	<1.0
Polarization ratio	>50:1(>100:1optional) Horizontal±5degree ( Vertical Optional )
Warm-up time (minutes)	<5
Beam height from baseplate (mm)	19
Operating temperature (°C)	10~35
Operating voltage	DC12V4A
Modulation	DMOD(TTL)upto1MHz
	AMOD(Analog)upto100kHz
	D MOD+AMOD(TTL+Analog )
Expected lifetime (hours)	10000
Warranty	1 year