

DIODE XS SERIES LASER AT 505nm

RN-XS-505/1~80mW

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-505/1~80mW | | |
|--|---|------------------|
| Central wavelength (nm) | 505±3 | |
| Operating mode | CW | |
| Output power (mW) | >1,2, ..., 20 | >20, 30, ..., 80 |
| Power stability (rms, over 4 hours) | <1%, <2%, <3% | |
| Transverse mode | Near TEM ₀₀ | |
| Noise of amplitude(rms,20Hz~20MHz) | <1%(<0.5%, optional) | |
| M ² factor | <1.2 | |
| Beam divergence, full angle (mrad) | <1.0 | |
| Beam diameter at the aperture (1/e ² ,mm) | ~1.2 | |
| Polarization ratio | >50:1 (>100:1, optional) Horizontal±5 degree (Vertical Optional) | |
| Beam height from base plate (mm) | 19 | |
| Warm-up time (minutes) | <5 | |
| 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 period | 1 year | |

