

INFRARED DIODE LASER AT 808nm

RN-III-808L/1~100mW

产品描述

It features ultra compact design, long lifetime, cost-effectiveness and easy operation.

They are used in measurement, communication, spectrum analysis, etc.

产品参数

| RN-III-808L/1~100mW | | |
|---|------------|--|
| Central wavelength (nm) | | 808±3 |
| Operating mode | | CW |
| Output power (mW) | | >1, 10, 20,..., 100 |
| Power stability (rms, over 4 hours) | | <1%, <2%, <3% (<0.5%, optional) |
| Transverse mode | | Near TEM ₀₀ |
| Beam diameter at the aperture (1/e ² , mm) | | ~3.5 |
| Beam divergence, full angle (mrad) | | <1.0 |
| Polarization ratio | | >50:1 (>100:1, optional) Horizontal±5 degree (Vertical Optional) |
| Warm-up time (minutes) | | <5 |
| Pointing stability after warm-up (mrad) | | <0.05 |
| Beam height from base plate (mm) | | 24.8 |
| Operating temperature (°C) | | 10~35 |
| Power supply | 85-264VAC | PSU-III-LED/ PSU-III-FDA (Frequency for 1Hz-30kHz) |
| | 100-240VAC | PSU-A-D (Frequency for 30kHz -100kHz) |
| TTL / Analog modulation | | TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz optional |
| Expected lifetime (hours) | | 10000 |
| Warranty | | 1 year |