

## INFRARED DIODE LASER AT 1450nm

RN-III-1450R/1~200mW

### 产品描述

All solid state infrared laser is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical instrument, optical sensor, measurement, communication, spectrum analysis, etc.

### 产品参数

| RN-III-1450R/1~200mW                    |   |                      |
|---|---|----------------------|
| Central wavelength (nm)                 | 1450±15   |                      |
| Operating mode                          | CW  |                      |
| Output power (mW)                       | >1, 10, 20, ..., 150  | >150, 160, ... , 200 |
| Power stability (rms, over 4 hours)     | Round   |                      |
| Transverse mode                         | ~2  | ~2                   |
| Dimensions of beam at the aperture (mm) | ~10   | ~20                  |
| Beam divergence, full angle (mrad)      | <5  |                      |
| Warm-up time (minutes)                  | 24.8  |                      |
| Beam height from base plate (mm)        | 24.8  |                      |
| Operating temperature (°C)              | <0.05   |                      |
| Power supply                            | 85-264VAC   | 10~35                |
|   | 100-240VAC  |                      |
| TTL / Analog modulation                 | PSU-III-LED/PSU-III-FDA/PSU-III-OEM-97                                      |                      |
| Expected lifetime (hours)               | TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option |                      |
| Warranty                                | 10000   |                      |