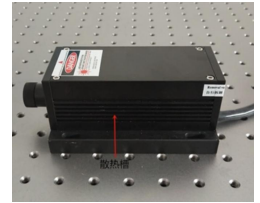


LD PUMPED ALL-SOLID-STATE INFRARED LASER

YN-N-1064



Product Description

All solid state infrared laser at 1064nm is made features of ultra compact, long lifetime and easy operating, which is used in scientific experiment, optical instrument, optical sensor, measurement, communication, spectrum analysis, etc.

Specification

| | | | | |
|----|---------------------------------|----------------------------|----------------------------|----------------------------|
| 1 | 型号 Model | YN-N-1064-2W | YN-N-1064-3W | YN-N-1064-5W |
| 2 | 波长 Wavelength | 1064±1nm | 1064±1nm | 1064±1nm |
| 3 | 输出功率 Output power(mW) | 1~2000 | 1~3000 | 1~5000 |
| 4 | 工作方式 Operating mode | CW/Modulation | CW/Modulation | CW/Modulation |
| 5 | 光斑模式 Beam Mode | Near TEM00 | Near TEM00 | Near TEM00 |
| 6 | 功率稳定性 Power Stability | <3%per4 hrs | <3%per4 hrs | <3%per4 hrs |
| 7 | 光束发散角 Beam Divergence (full) | 3.0mm | 2.0mm | 2.0mm |
| 8 | 光束直径 Beam diameter at the | 2.0mrad | 1.4mrad | 1.4mrad |
| 9 | 制冷方式 Cooling System | TEC | TEC | TEC |
| 10 | 光斑质量(M2)/Beam Quality(M2) | <2 | <2.2 | <2.2 |
| 11 | 偏振方向 Polarization | 100:1 | 100:1 | 100:1 |
| 12 | 预热时间 Warm-up time (minutes) | <5 | <5 | <5 |
| 13 | 工作温度 Operating temperature (°C) | 10-35 | 10-35 | 10-35 |
| 14 | 配套电源 Power Supply | YN-LED | YN-LED | YN-LED |
| 15 | 调制速率 Modulating Frequency | TTL or Analog with 1~30KHz | TTL or Analog with 1~30KHz | TTL or Analog with 1~30KHz |
| 16 | 使用寿命 Expected lifetime (hours) | 10000 | 10000 | 10000 |
| 17 | 质保时间 Warranty | 1 year | 1 year | 1 year |
| 18 | 激光头尺寸 (mm) | 155*77*60 | 167*77*70 | 167*77*70 |
| 19 | 电源尺寸 (mm) | 178*194*84 | 178*194*84 | 178*194*84 |