

LD PUMPED ALL-SOLID-STATE

MID—IR LASER AT 880nm

YN-W-880

Product Description:

ALL It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are used in measurement, communication, spectrum analysis, etc

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| 1 | 型号 Model No. | LSR880CPD |
| 2 | 波长 Wavelength | 880 (+/-5nm) |
| 3 | 光斑模式 Spatial Mode | Multimode |
| 4 | 工作方式 Operating mode | CW or Modulation |
| 5 | 偏振方向 Polarization | 10:01 |
| 6 | 方向稳定性 Pointing Stability | <0.05mrad |
| 7 | 输出功率 Output power | >5000mw/10W |
| 8 | 光束直径 Beam Size | 6mm |
| 9 | 光束高度 Beam Height | 29mm |
| 10 | 光束发散角 Beam Divergence (full angle) | <2.5mrad |
| 11 | 功率稳定性 Power Stability | <±3% per 4 hrs |
| 12 | 预热时间 Warm Up Time | <5 minutes |
| 13 | 制冷方式 Temperature Stabilizing | TEC |
| 14 | 光斑质量 (M2) /Beam Quality (M2) | <2 |
| 15 | 最佳工作温度 Optimum Operating Temperature | 20~30°C |
| 16 | 储存温度 Storage Temperature | 10~50°C |
| 17 | 使用寿命 MTF | 10,000 hrs |
| 18 | 激光器尺寸 Laser head dimensions | 91.5 (L) × 97 (W) × 45.5 (H)mm ³ |
| 19 | 配套电源 Power Supply | LASER-5A |
| 20 | 调制频率 Modulation | 0~30khz Analog or TTL |