

## LD PUMPED ALL-SOLID-STATE

### MID—IR LASER AT1270nm

YN-W-1270

#### **Product Description:**

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

1	型号 Model No.	LSR1270NL
2	波长 Wavelength	1270nm (+/-20nm)
3	光斑模式 Spatial Mode	Multimode
4	输出功率 Output power	1500mw
5	工作方式 Operation Mode	CW or Modulation
6	偏振方向 Polarization	10:01
7	瞄准稳定性 Pointing Stability	<0.05mrad
8	光束发散角 Beam Divergence (full angle)	2.5mrad
9	功率稳定性 Power Stability	<±3% per 2 hrs
10	光束高度 Beam Height	25mm
11	光束直径 Beam Diameter	6mm
12	预热时间 Warm Up Time	<5 minutes
13	制冷方式 Temperature	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	100 (L) x40 (W) x50 (H)mm3
19	配套电源 Power Supply	LASER-5A
20	调制频率 Modulation	0~30khz Analog or TTL