

LD PUMPED ALL-SOLID-STATE

MID—IR LASER AT 825nm

YN-W-825

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.	LSR825NL
2	波长 Wavelength	825 (+/-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	1000, 2000mW
8	光束直径 Beam Size	6mm
9	光束高度 Beam Height	25mm
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)	<20
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) ×40 (W) ×50 (H) mm ³
19	配套电源 Power Supply	LASER-5A
20	调制频率 Modulation	0~30khz Analog or TTL