

LD PUMPED ALL-SOLID-STATE

MID—IR LASER AT1177nm

YN-W-1177

Product Description:

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.

1	型号 Model No.	LSR1177NL
2	波长 Wavelength	1177nm
3	光斑模式 Spatial Mode	TEM00
4	输出功率 Output power	0~300mw
5	工作方式 Operation Mode	CW or Modulation
6	偏振方向 Polarization	100: 01: 00
7	光束发散角 Beam Divergence (full angle)	<1.5rad
8	功率稳定性 Power Stability	<±3% per 2 hrs
9	方向稳定性 Pointing Stability	<0.05mrad
10	光束高度 Beam Height	25mm
11	光束直径 Beam Size	<2.5mm
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)	<1.2
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)mm ³
19	配套电源 Power Supply	LASER-5A
20	调制频率 Modulation	0~30khz Analog or TTL