

LD PUMPED ALL-SOLID-STATE

MID—IR LASER AT1064nm

YN-W-1064

Product Description:

All solid state laser is made features of high output power stability, good beam profile, ultra compact, small size, wide operating temperature, good sealing, long lifetime, cost -effectiveness and easy operating, working under the pressure of 0.02kPa, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.

1	型号 Model No.	LSR1064NL
2	波长 Wavelength	1064 (+/-5nm)
3	光斑模式 Spatial Mode	TEM00
4	输出功率 Output power	100mw~1400mw
5	工作方式 Operation Mode	CW or Modulation
6	偏振方向 Polarization	NA
7	光束发散角 Beam Divergence (full angle)	1.2mrad
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/29mm
11	光束直径 Beam Size	2mm
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) ×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