

LD PUMPED ALL-SOLID-STATE

MID—IR LASER AT1342nm

YN-W-1342

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.	LSR1342H
2	波长 Wavelength	1342nm
3	光斑模式 Spatial Mode	Near TEM00
4	输出功率 Output power	1000mw~1500mw
5	工作方式 Operation Mode	CW or Modulation
6	光束发散角 Beam Divergence (full angle)	<2mrad
7	功率稳定性 Power Stability	<±3% per 2 hrs
8	光束高度 Beam Height	29mm
9	光束直径 Beam Size	<3mm
10	预热时间 Warm Up Time	<5 minutes
11	制冷方式 Temperature	TEC
12	光斑质量 (M2) /Beam Quality(M2)	<2
13	最佳工作温度 Optimum Operating Temperature	20~30°C
14	储存温度 Storage Temperature	10~50°C
15	使用寿命 MTF	10,000 hrs
16	激光器尺寸 Laser head dimensions	155 (L) x77 (W) x60 (H)mm3
17	配套电源 Power Supply	LASER-5A
18	调制频率 Modulation	0~30khz Analog or TTL