

LD PUMPED ALL-SOLID-STATE

MID—IR LASER AT980nm

YN-W-980

Product Description:

All Diode infrared laser module at 980nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.

1	型号 Model No.	LSR980NL
2	波长 Wavelength	980 (+/-5nm)
3	光斑模式 Spatial Mode	Multimode
4	工作方式 Operating mode	CW or Modulation
5	输出功率 Output power	100mw~4000mw
6	光束直径 Beam Size	6mm
7	光束高度 Beam Height	25mm
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	预热时间 Warm Up Time	<5 minutes
11	温度稳定方式 Temperature Stabilizing	TEC
12	瞄准稳定性 Pointing Stability	<0.05mrad
13	偏振方向 Polarization	10:01
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) ×40 (W) ×50 (H)mm3
19	配套电源 Power Supply	LASER-5A
20	调制频率 Modulation	0~30khz Analog or TTL