

LD PUMPED ALL-SOLID-STATE

MID—IR LASER AT946nm

YN-W-946

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.	LSR946NL
2	波长 Wavelength	946 (+/-5nm)
3	光斑模式 Spatial Mode	TEM00
4	工作方式 Operating mode	CW or Modulation
5	输出功率 Output power	50mw~200mw
6	光束直径 Beam Size	2mm
7	光束高度 Beam Height	25mm
8	光束发散角 Beam Divergence (full angle)	<1.2mrad
9	功率稳定性 Power Stability	<±3% per 2 hrs
10	预热时间 Warm Up Time	<2 minutes
11	温度稳定方式 Temperature Stabilizing	TEC
12	瞄准稳定性 Pointing Stability	<0.05mrad
13	使用寿命 MTF	10,000 hrs
14	激光器尺寸 Laser head dimensions	100 (L) x40 (W) x50 (H)mm ³
15	配套电源 Power Supply	LASER-5A
16	调制频率 Modulation	0~30khz Analog or TTL