

LD PUMPED ALL-SOLID-STATE

MID-IR LASER AT 355nm

YN-W-355

Product Description:

ALL solid state laser is made features of ultra compact, long lifetime, low cost and easy operating, which is used in fluorescence sensors, Raman spectrum, laser printing, holography, laser display, communication biomedicine, laser lighting show, etc

Specification:

1	型号 Model No.	LSR355F-Q
2	波长 Wavelength	355+/-1nm
3	输出功率 Output power	>1,5, 10..., 100mW
4	工作方式 Operating mode	Pulsed laser
5	单脉冲能量 Single pulse energy	1-10uJ
6	束斑形状 Beam Spot shape	Circular, aspect ratio<1.1: 1
7	脉冲宽度 Pulse Width	5-20ns
8	峰值功率 Peak Power	100W-2kw
9	重复频率 Repeat rate	1-10KHz
10	偏振 Polarization	>50: 1
11	瞄准稳定性 Pointing Stability	<0.05mrad
12	光束直径 Beam Diameter (1/e ²)	2mm
13	光束发散角 Beam Divergence (full angle)	<1.5mrad
14	光束高度 Beam Height	45mm
15	温度稳定方式 Temperature Stabilizing	TEC
16	预热时间 Warm Up Time	<5 minutes
17	储存温度 Storage Temperature	10-50°C
18	使用寿命 MTF	10,000 hrs
19	激光器尺寸 Laser head dimensions	211 (L) ×88 (W) ×74 (H) mm
20	配套电源 Power Supply	LASER-5A