

LD PUMPED ALL-SOLID-STATE EOM Q-SWITCHED LASER AT 335 nm

RN-XS-335/1~10μJ/1~500mW



产品描述

All solid state EOM Q-switched laser at 335 nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, research and so on

产品参数

RN-XS-335/1~10μJ/1~500mW	
Wavelength (nm)	335±1
Operating mode	Electro-optic Q-switched
Average power (W)	1~500mW (100mW@10kHz) Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)
Single pulse energy (μJ)	1~50(50μJ @10kHz)
Transverse mode	Near TEM ₀₀
Rep. rate (kHz)	10
Pulse duration (ns)	~4 @10kHz
Peak power (kW)	1~2.5 (2.5kW@10kHz)
Ave power stability (over 4 hours)	<3%, <5%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<3
Beam diameter at the aperture (1/e ² ,mm)	Elliptical (2:1), Beam spot 2*4mm;
Beam height from base plate (mm)	101
Cooled method	Air cooled
Operating temperature (°C)	10~35
Power supply (220/110VAC)	PSU-AOM(3U)
Expected lifetime (hours)	10000
Warranty period	1 year

