

LD PUMPED ALL-SOLID-STATE ACOUSTO-OPTIC Q-SWITCHED LASER AT 349 nm

AO-S-349/1~8 μ J/1~15mW



产品描述

All solid state acousto-optic Q-switched laser at 349 nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in material processing, measure, scientific research and so on.

产品参数

AO-S-349/1~8 μ J/1~15mW	
Wavelength (nm)	349 \pm 1
Single pulse energy (μ J)	1~8 (8 μ J @1kHz; 1 μ J @5kHz)
Rep. rate (kHz)	0.1~10
Pulse duration	Typically 6~10ns @<10kHz, varies from power and repetition.
Average power (mW)	Average power (mW)= Single pulse energy (μ J)* Rep. rate(kHz)
Power Stability (rms,over 4 hours)	<3%,<5%,<10%
Transverse mode	Near TEM ₀₀
M ² factor	<1.5
Beam Diameter at the aperture 1/e ² (mm)	~0.3 ~1.2 (optional)
Beam divergence, full angle (mrad)	<5.0 <1.5 (optional)
Polarization ratio	>100:1 Horizontal \pm 5 degree
Warm-up Time (minutes)	<10
Beam height from base plate (mm)	25
Operating temperature($^{\circ}$ C)	10~35
Power supply (90-264VAC)	PSU-AOM-DL
Expected lifetime (hours)	10000
Warranty period	1 year

