

LD PUMPED ALL-SOLID-STATE ACOUSTO-OPTIC Q-SWIT HED LASER AT 266 nm

RN-S-266/ 1-5μJ/1-10mW



产品描述

All solid state acousto-optic Q-switched laser at 266 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

RN-S-266/ 1-5μJ/1-10mW	
Wavelength (nm)	266±1
Operating mode	Acousto-optics Q-switched
Single pulse energy (μJ)	1~5 (5uJ@1kHz; 1uJ@5kHz)
Rep.rate(kHz)	0.1~5
Pulse duration (ns)	Typically~ 7ns, Varies from power and repetition
AVage power (mW)	Average power (mW)= Single pulse energy (μJ)* Rep. rate(kHz)
Power stability (rms,over 4 hours)	<3%, <5%, <10%
Transverse mode	Near TEM ₀₀
M ² factor	<2
Beam diameter at the aperture (mm)	Elliptical (4:1), Beam spot ~1.5×0.4mm
Warm-up Time (minutes)	<10
Beam height from base plate (mm)	30
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-AOM-DL
Expected lifetime(hours)	5000
Warranty	1year

