



EO-266-Subnano-Hi/1~500μJ/1~2.5W

HIGH ENERGY DIODE PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

High energy diode pumped all solid state Q-switched laser at 266nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in differential absorption lidar, LIF, precision drilling and so on.



SPECIFICATIONS

Wavelength (nm)	266±1nm	
Operating mode	Q-switched: EO (Electro-optic)	
Single pulse energy (uJ)	200uJ@5KHz	500uJ@5KHz
Output power (W)	1	2.5
Power stability	<5%	
Pulse duration (ns)	<1.5ns@5KHz	~2ns@5KHz
Rep. rate (kHz)	100Hz~10kHz (Customized)	
Beam diameter (mm)	~1.5mm	
Beam divergence, full angle (mrad)	≤3mrad	
Cooled method	Air cooled@<2kHz; Water cooled@>2kHz	
Warm-up time (minutes)	<15	
Power supply	DC 24V	
Operating temperature (°C)	15~30	
Expected lifetime (hours)	10000h	
Warranty period	1 year	

