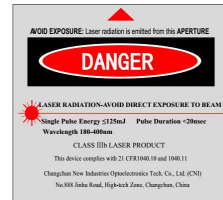




EO-213-Subnano-Hi/1~100μJ/1~500mW

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

High energy diode pumped all solid state Q-switched laser at 213nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in Lidar, LIBS, Thin film removal, Non-linear Spectroscopy, Specialty marking, and so on.



SPECIFICATIONS

Wavelength (nm)	213±1nm	
Operating mode	Q-switched: EO (Electro-optic)	
Single pulse energy (uJ)	40uJ@5KHz	100uJ@5KHz
Output power (mW)	200	500
Power stability	<2% , <3% , <5%	<5%
Pulse duration (ns)	<1.5ns@5KHz	~2ns@5KHz
Rep. rate (kHz)	100Hz~10kHz (Customizable)	
Beam diameter (mm)	~1.5mm	
Beam divergence, full angle (mrad)	≤3mrad	
Cooled method	Air cooled	
Warm-up time (minutes)	<15	
Power supply	DC 24V	
Operating temperature (°C)	15~30	
Expected lifetime (hours)	10000h	
Warranty period	1 year	