

WATER COOLING LD PUMPED

ALL-SOLID-STATE Q-SWITCHED RED LASER at 770-840nm

RN-Ti-770-840/1~1000mW

产品描述

All solid state Q-switched red laser at 770~840nm tunable wavelength, has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, scientific research, and so on.

产品参数

RN-Ti-770-840/1~1000mW	
Wavelength (nm)	770-840
Operating mode	Acousto-Optics Q-switched
Average power (mW)	1~1000@10kHz
Pulse duration (ns)	~30 @10kHz&1000mW
Rep. rate (kHz)	10~20 (It is possible to customize other repetition rates)
Single pulse energy (uJ)	100
Peak power (kW)	3.3 @10kHz&1000mW
Ave power stability (over 4 hours)	<3% , <5%
Beam divergence, full angle (mrad)	<3.5
Beam diameter at the aperture (1/e ² ,mm)	<9
Beam height from base plate (mm)	61
Warm-up time (minutes)	<10
Cooled method	Water Cooled
Operating temperature (°C)	15~35
Power supply (220/110VAC)	PSU-HPL-Q & PSU-HPL-CW
Expected lifetime (hours)	10000
Warranty period	1 year