

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 a narrow linewidth, 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
Line width (pm)	1~1000@10kHz
Average power (mW)	~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