

AIR COOLING Q-SWITCHED

NARROW LINEWIDTH RED LASER at 770-840nm

RN-TiN-770-840/1~400mW

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-TiN-770-840/1~400mW	
Wavelength (nm)	770-840
Operating mode	Acousto-Optics Q-switched
Line width (pm)	<40
Average power (mW)	1~400@50KHz
Pulse duration (ns)	~25 @50KHz&400mW
Rep. rate (kHz)	10~50 (customized)
Single pulse energy (uJ)	8@50kHz
Peak power (kW)	0.32@ 50kHz
Ave power stability (over 4 hours)	<5%, <10%
Beam divergence, full angle (mrad)	<3.5
Beam diameter at the aperture (mm)	2
Beam height from base plate (mm)	119
Warm-up time (minutes)	<10
Cooled method	Air Cooled
Operating temperature (°C)	15~35
Power supply (220/110VAC)	PSU-AOM(3U)
Expected lifetime (hours)	10000
Warranty period	1 year