

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

RN-1535-P/100uJ

### 产品描述

High energy diode pumped all solid state Q-switched laser at 1535nm has the features of compact structure, short pulse duration, and high peak power, which is widely used in lidar, laser ranging, optical communication, target indication and so on.

### 产品参数

RN-1535-P/100uJ	
Wavelength (nm)	1535±2
Operating mode	Passive
Single pulse energy (uJ)	100
Pulse duration (ns)	<4
Rep. rate (Hz)	10, EXT (adjustable)
Energy stability	<1%
Beam divergence, full angle (mrad)	≤8
Beam diameter (mm)	~0.4
Warm-up time (seconds)	<10
Beam height from base plate (mm)	4.5
Cooled method	Conduction
Operating temperature (°C)	-20~60
Power supply (5V DC)	PSU-DPS-P
Expected lifetime (pulses)	10 <sup>9</sup>
Warranty period	1 year
Options	200uJ can be customized