

MPL-N-3800/1~300mW

LD PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

CNI's Q-switched DPSS laser at 3800 nm has the features of high peak power, high repetition rate, and short pulse duration, it is widely used in inspection, scientific research and so on.



SPECIFICATIONS

Wavelength (nm)	3800±20
Operating mode	Pulsed, passively Q-switched
Max average power (mW)	>1, 10, ..., 300
Power stability (over 4 hours)	<3%, <5%
Pulse duration (ns)	5~10
Rep. rate (kHz)	5~15
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (1/e ² ,mm)	~3
Beam height from base plate (mm)	111.4
Warm-up time (minutes)	<10
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-FDA
Expected lifetime (hours)	10000
Warranty period	1 year

