

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

MPL-N-532/40~100uJ/150~1000mW

SPECIFICATIONS

LD PUMPED ALL-SOLID-STATE **Q-SWITCHEDLASER**

All solid state Q-switched laser at 532nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in industry, such as marking on highly reflective metals, semiconductors, carbide, rubbers, ceramics and composites.



Wavelength (nm)		532 ± 1			
Operating mode		Q-switched pulsed laser			
Single pulse energy (µJ)		40~100uJ			
Pulse duration (ns)		~5			
Peak power (kW)		8~20			Shill a
Rep. rate (kHz)	Uncontrollable	8~20 Undefined rep. rate among 5k-15kHz and unstable laser pulse emitting. Suitable for the applications only needing high peak power pulses.			
Average power (mW)		Average power (mW) = Single pulse energy (μ J) * Rep. rate (kHz)			
Ave power stability (over 4 hours)		<3%, <5%			
Transverse mode		Near TEM ₀₀			
Warm-up time (minutes)		<10 AKODPODE Largebrie Betratu ABR			
M ² factor		<1.5			AND ENGINE LES INTERESTIONS E PREVIDE
Beam divergence, full angle (mrad)		<2.0			
Beam diameter at the aperture (mm)					LAPERALIATEN-AUODETECESEN
Beam height from base plate (mm)		68.2			EMOSURE TO LIKE TO RECTOR SOME FOR A LAND
Operating temperature (°C)		10~35			CLASS IV LASER PRODUCT
Power supply (90-264VAC)		PSU-H-LED	PSU-H-FDA	PSU-N-OEM	That dense ramples with 21 CPR 1940 10 and 1940 11 Changchan New Industries Optolectrosics Tech. Co., Ltd. (CNI) 660 Changcon Rd., Chenerium, P.R. Chen
Expected lifetime (hours)		10000			Set State and the State and a location
Warranty period		1 year			



