

## 新产**业光电技术**有限公司

Co.Ltd. Changchun New Industries Optoelectronics Tech-

DATA SHEET

MSL-AO-1064/1~200uJ

## SPECIFICATIONS

## SINGLE LONGITUDINAL MODE **PULSED INFRARED LASER** AT 1064 nm

All solid state single frequency pulsed laser at 1064nm is made features of high power, long lifetime and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, analysis, interference, spectrum holography, physics measurement, experiment, etc.



Wavelength (nm)	1064	
Operating mode	AO Q-switched	
Single pulse energy (µJ)	1~200	
Longitudinal mode	Single	
Pulse duration (ns)	25	
Peak power (kW)	1~8	· · · · · · · · · · · · · · · · · · ·
Rep. rate (Hz)	1~1000, a fixed value	
Polarization ratio	> 100:1	
Pointing stability after warm-up (mrad)	<0.05	AVOD EXPOSIPE Laserradadon & embed from the APERTUPE
Transverse mode	TEM <sub>00</sub>	DANGER
M <sup>2</sup> factor	<1.2	LNER PARADON-AUGO DE CREAN
Ave power stability (over 4 hours)	<5%	HEALSCAME AND WAARDENCER BURN-ROMA
Warm-up time (minutes)	<10	CLASS IV LASER PRODUCT This deer couples with 21 OPR 1040 11 and 1040 11 Computer behalting: Opticident Field vol. (14 (50))
Beam divergence, full angle (mrad)	<2	48 Chargin Rd, Chargins, P.R. Char
Beam diameter at the aperture (mm)	~2	
Beam height from base plate (mm)	109	
Cooled method	Air cooled	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-AOM	

