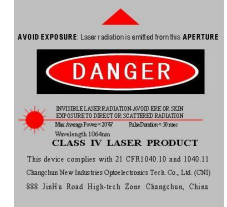


PS-A-1064/1W/5W/20W@1KHz

**MODE-LOCKED PICOSECOND
PULSED LASER AT 1064nm**

Mode-locked picosecond pulsed laser at 1064nm is made features of short pulse duration, high repetition rate and high average power, which is used industrial processing, physics experiment, etc.



SPECIFICATIONS

Central wavelength	1064 ± 1nm		
Average power	1W (1W@1kHz)	5W (5W@1kHz)	20W (20W@1kHz)
Single pulse energy	1mJ(1mJ @1kHz)	5mJ(5mJ @1kHz)	20mJ(20mJ @1kHz)
Rep. rate	1kHz	1kHz	1kHz
Pulse duration	~15ps@1kHz,1W	~15ps@1kHz,5W	~15ps@1kHz,20W
Peak power	67MW@1kHz	333MW@1kHz	1333MW@1kHz
Operating mode	Mode-locked		
Ave power stability	<3% (over 4 hours)		
Warm-up time	<10minutes		
Beam divergence, full angle	<3mrad		
Beam diameter at the aperture (1/e ²)	~2mm		
Cooled method	Water cooled		
Operating temperature	20~30 °C		
Power supply (220/110VAC)	On request		
Expected lifetime	10000 hours		
Warranty period	1 year		

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