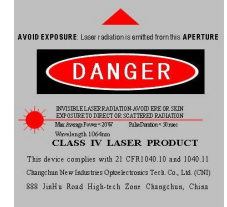


PS-A-532/1W/5W@1KHz

**MODE-LOCKED PICOSECOND
PULSED LASER AT 532nm**

Mode-locked picosecond pulsed laser at 532nm 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	532 ± 1nm	
Average power	1W (1W@1kHz)	5W (5W@1kHz)
Single pulse energy	1mJ(1mJ @1kHz)	5mJ(5mJ @1kHz)
Rep. rate	1kHz	1kHz
Pulse duration	~15ps@1kHz,1W	~15ps@1kHz,5W
Peak power	67MW@1kHz	333MW@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	

Kokyo

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