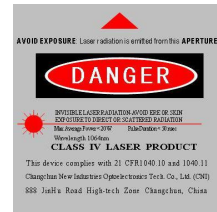


PS-A1-532/1mJ/1W

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.



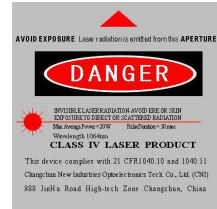
SPECIFICATIONS

Wavelength (nm)	532±1
Operating mode	Mode-locked
Average power (W)	1W (1W@1kHz) Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)
Single pulse energy (mJ)	1(1mJ @1kHz)
Rep. rate (kHz)	1
Pulse duration (ps)	~15 @1kHz,1W.
Peak power (MW)	67 @1kHz
Ave power stability (over 4 hours)	<3%, <5%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<3.0
Beam diameter at the aperture (1/e ² ,mm)	~2.0
Beam height from base plate (mm)	On request
Cooled method	Water cooled
Operating temperature (°C)	15~35
Power supply (220/110VAC)	On request
Expected lifetime (hours)	10000
Warranty period	1 year

PS-A5-532/5mJ/5W

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

Wavelength (nm)	532±1
Operating mode	Mode-locked
Average power (W)	5W (5W@1kHz)
	Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)
Single pulse energy (mJ)	5(5mJ @1kHz)
Rep. rate (kHz)	1
Pulse duration (ps)	~15 @1kHz,5W.
Peak power (MW)	333 @1kHz
Ave power stability (over 4 hours)	<3%, <5%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<3.0
Beam diameter at the aperture (1/e ² ,mm)	~2.0
Beam height from base plate (mm)	On request
Cooled method	Water cooled
Operating temperature (°C)	15~35
Power supply (220/110VAC)	On request
Expected lifetime (hours)	10000
Warranty period	1 year