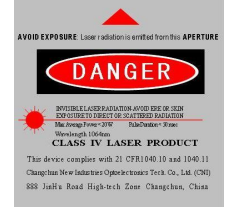


**PS-M-532/10W/30W@1MHz**

**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	10W (10W@1MHz)	30W (30W@1MHz)
Single pulse energy	10μJ(10μJ @1MHz)	30μJ(30μJ @1MHz)
Rep. rate	100kHz-1MHz	100kHz-1MHz
Pulse duration	~10ps@1MHz,10W	~10ps@1MHz,30W
Peak power	1MW@1MHz	3MW@1MHz
Operating mode	Mode-locked	
Ave power stability	<3% (over 4 hours)	
Warm-up time	<10minutes	
Beam divergence, full angle	<1.5mrad	
Beam diameter at the aperture (1/e <sup>2</sup> )	~3mm	
M <sup>2</sup> factor	<1.3	
Cooled method	Water cooled	
Operating temperature	20~30 °C	
Power supply (220/110VAC)	On request	
Expected lifetime	10000 hours	
Warranty period	1 year	