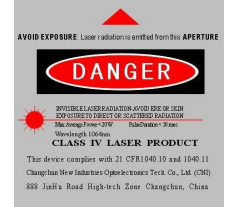


PS-M-355/5W/15W@1MHz

MODE-LOCKED PICOSECOND PULSED LASER AT 355nm

Mode-locked picosecond pulsed laser at 355nm 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	355 ± 1nm	
Average power	5W (5W@1MHz)	15W (15W@1MHz)
Single pulse energy	5μJ(5μJ @1MHz)	15μJ(15μJ @1MHz)
Rep. rate	400kHz-1MHz	400kHz-1MHz
Pulse duration	~10ps@1MHz,5W	~10ps@1MHz,15W
Peak power	500kW@1MHz	1.5MW@1MHz
Operating mode	Mode-locked	
Ave power stability	<3% (over 4 hours)	
Warm-up time	<10minutes	
Beam divergence, full angle	<1mrad	
Beam diameter at the aperture (1/e ²)	~5mm	
M ² 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	