

PS-R-532/1~3000mW

### 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 good beam quality, which is used industrial processing, physics experiment, etc.



#### SPECIFICATIONS

Wavelength (nm)	532±1	
Operating mode	Mode-locked	
Output power (mW)	@ Mode-locked mode	>1, 10, 100, ... , 3000
Power stability (rms, over 4 hours)	<3%, <5%	
Transverse mode	TEM <sub>00</sub>	
Pulse duration(ps)	10~20	
Rep.rate(MHz)	48±1	
Beam divergence, full angle (mrad)	<3	
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~1.5	
Beam height from base plate (mm)	57	
Warm-up time (minutes)	<10	
Operating temperature (°C)	10~30	
Power Supply(90-264VAC)	PSU-Z-LED	
Expected lifetime (hours)	10000	
Warranty period	1 year	



PS-R-532	PSU-Z-LED	Water Chiller(WCH-600)
<p>545(L)×244(W)×9(H)mm<sup>3</sup>, 19kg</p>	<p>300(L)×300(W)×123(H)mm<sup>3</sup>, 6.2 kg</p>	<p>369(L)×350(W)×347(H) mm<sup>3</sup>, 22 kg</p>