

MSL-R-532&1064

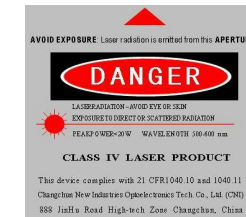
Multi-wavelength Single longitudinal mode Laser at 532 and 1064 nm

This laser can output two wavelengths at the same time. It is made features of high power, long lifetime and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, physics experiment, etc.



SPECIFICATIONS

Wavelength (nm)	532±1	1064±1
Operating mode	CW	
Output power (mW)	>1, 100, ..., 1000	>1, 10, ..., 250
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Transverse mode	TEM ₀₀	
Longitudinal mode Single	Single	
Noise of amplitude (rms, 20Hz~20MHz)	<1%	
Polarization ratio	>100:1	
M ² factor	<1.2	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at the aperture (1/e ² ,mm)	<1.5	
Spectral linewidth (nm)	<0.00001	
Pointing stability after warm-up (mrad)	<0.05	
Beam height from base plate (mm)	59	
Warm-up time (minutes)	<20	
Cooled method	Water cooled	
Operating temperature (°C)	20~25	
Power supply (90-264VAC)	PSU-W-FDA	
Expected lifetime (hours)	10000	
Warranty period	1 year	



MSL-R-532/1064	PSU-W-FDA	Water Chiller(WCH-400)
<p>432(L) × 218(W) × 82(H) mm³, 9kg</p>	<p>307 (L) × 168(W) × 123(H) mm³, 4.5 kg</p>	<p>587.5(L) × 482(W) × 187.5(H) mm³, 17 kg</p>