

MLL-III-514.5/1~20mW

SPECIFICATIONS

LOW NOISE GREEN LASER MODULE AT 514.5 nm

Green laser module at 514.5 nm is made features of ultra compact, long lifetime, and easy operating, which may be the replacement for Argon laser and it is widely used in biological, medical, laser pumping, scientific research, etc.



Wavelength (nm)	514.5±1	
Output power (mW)	>1, 2, 3, ...,20	
Transverse mode	Near TEM ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Spectral linewidth (nm)	~0.5	
Noise of amplitude (rms, 20Hz~20MHz)	<1%	
Coherent length (cm)	>20	
Warm-up time (minutes)	<5	
Beam divergence, full angle (mrad)	1.0	
Beam diameter at 1/e ² (mm)	~1.2	
Beam height from base plate (mm)	24.8	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-III-LED	PSU-III-FDA
Expected lifetime (hours)	10000	
Warranty period	1 year	



MxL-III-514.5	PSU-III-LED	PSU-III-FDA
 <p style="text-align: center;">139(L)×73(W) ×46. 2(H) mm³, 0.6kg</p>	 <p style="text-align: center;">153 (L) ×155(W) ×92 (H) mm³, 1.5kg</p>	 <p style="text-align: center;">133 (L) ×130(W) ×65 (H) mm³, 1.2kg</p>
		