

MLL-III-520L/1~50mW

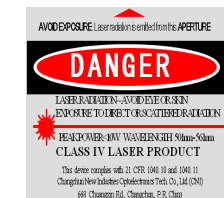
### LOW NOISE GREEN LASER MODULE AT 520 nm

Low noise green laser module at 520 nm is made features of ultra compact, long lifetime, and easy operating, which can be widely used in laser projection, laser shows, biomedical applications, holography, metrology, etc.



### SPECIFICATIONS

Wavelength (nm)	520±5	
Operating mode	CW	
Output power (mW)	>1, 2, 3, ..., 50	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Transverse mode	Near TEM <sub>00</sub>	
Noise of amplitude(rms,20Hz~20MHz)	<1%	
Beam diameter at the aperture ((1/e <sup>2</sup> ),mm)	~3.0	
Beam divergence, full angle (mrad)	<1.0	
Polarization ratio	>50:1 (>100:1, optional) Horizontal ±5 degree (Vertical Optional)	
Warm-up time (minutes)	<5	
Pointing stability after warm-up (mrad)	<0.05	
Beam height from base plate (mm)	24.8	
Operating temperature (°C)	10~35	
Power supply (85-264VAC)	PSU-III-LED	PSU-III-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional	
Expected lifetime (hours)	10000	
Warranty	1 year	



MxL-III-520L	PSU-III-LED	PSU-III-FDA
<p>143.5(L)×73(W)×46.2(H) mm<sup>3</sup>, 0.7kg</p>	<p>188.6 (L) ×155(W) ×92 (H) mm<sup>3</sup>, 1.5kg</p>	<p>171(L) ×130(W) ×62.2 (H) mm<sup>3</sup>, 1.2kg</p>