

### MGL-FN-522/1~100mW

### LD PUMPED ALL-SOLID-STATE GREEN LASER AT 522nm

All solid state laser at 522nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical sensor, measurement, instrument, communication, spectrum analysis, etc.



#### SPECIFICATIONS

Wavelength (nm)	522±1	
Output power (mW)	>1, 10, 20, ..., 100	
Transverse mode	Near TEM <sub>00</sub>	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Warm-up time (minutes)	<5	
M <sup>2</sup> factor	<1.3	
Beam divergence, full angle (mrad)	<1.2	
Dimensions of beam at the aperture (mm)	~2	
Beam height from base plate (mm)	27.4	
Spectral linewidth (nm)	<0.3	
Polarization ratio	>100:1 (Vertical) (option: Horizontal)	
Operating temperature (°C)	10~35	
Power supply (90-264VAC or 5VDC)	PSU-H-LED	PSU-H-FDA
Expected lifetime (hours)	10000	
Warranty	1 year	



MXL-FN-522	PSU-H-LED	PSU-H-FDA
 <p>197(L)×70(W) ×50(H), 2.0 kg</p>	 <p>268 (L) ×145(W) ×106 (H) mm<sup>3</sup>, 2.6 kg</p>	 <p>238 (L) ×146(W) ×102 (H) mm<sup>3</sup>, 2.3 kg</p>
		