

## **PDF DATA SHEET**

EFORCEAUSTRALIA PTY.LTD ACN:159 503 401

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
	DPSSL DRIVER	DPSSL DRIVER  Trues Line Alon  Gr
197(L)×70(W) ×50(H), 2.0 kg	268 (L) ×145(W) ×106 (H) mm <sup>3</sup> , 2.6 kg	238 (L) ×146(W) ×102 (H) mm <sup>3</sup> , 2.3 kg
70 R 172 172 172 172 172 172 172 172 172 172	145 200 200 200 200 200 200 200 200 200 20	154 154 154 154 154 154 154 154 154 154

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