



**RLTMGL-543 / 1~100 mW**

## LD PUMPED ALL-SOLID-STATE GREEN LASER AT 543nm

All solid state laser at 543nm 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



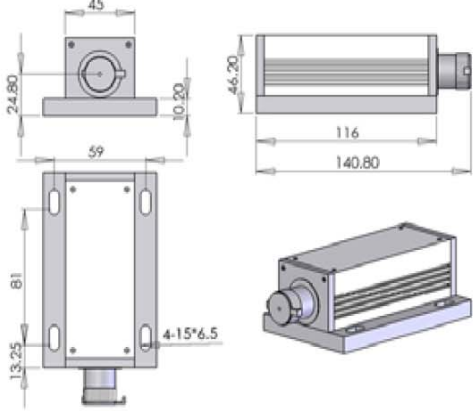
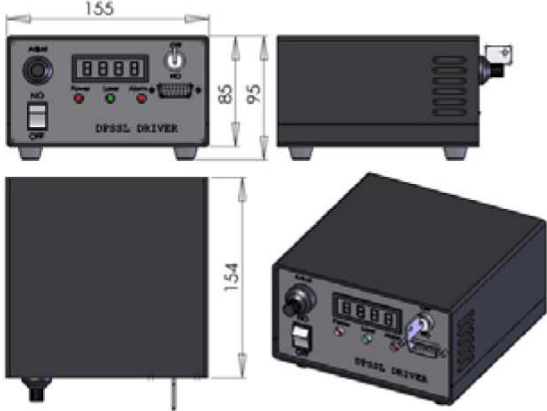

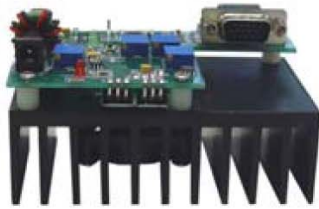
Wavelength (nm)	543 ± 1		
Output power (mW)	>1, 5, 10, 20, ... , 100		
Transverse mode	TEM <sub>00</sub>		
Operating mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%, <10%		
Warm-up time (minutes)	<10		
M <sup>2</sup> factor	<1.2		
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at the aperture (mm)	~2.0		
Beam height from base plate (mm)	24.8		
Polarization ratio	>100:1 (0 or 90 degree)		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (90-264VAC or 5VDC)	PSU-LED	PSU-FDA	PSU-OEM
Expected lifetime (hours)	10000		
Warranty	1 year		



# ROITHNER LASERTECHNIK

Wiedner Hauptstraße 76, A-1040 Vienna, Austria  
 Tel.: ++43 1 586 52 43-0, Fax -44, office@roithner-laser.com



MxL-543	PSU-LED
 <p data-bbox="277 768 679 797">140. 8(L)×73(W) ×46. 2(H) mm<sup>3</sup>, 0.6kg</p>	 <p data-bbox="916 768 1295 797">154 (L) ×155(W) ×95 (H) mm<sup>3</sup>, 1.5kg</p>
	
PSU-FDA	PSU-OEM
 <p data-bbox="272 1644 643 1673">133 (L) ×130(W) ×65 (H) mm<sup>3</sup>, 1.2kg</p>	 <p data-bbox="916 1644 1273 1673">100 (L) ×60(W) ×56 (H) mm<sup>3</sup>, 0.2kg</p>
