



**ROITHNER LASERTECHNIK GmbH**

WIEDNER HAUPTSTRASSE 76      1040 VIENNA      AUSTRIA  
TEL. +43 1 586 52 43 -0, FAX. -44, OFFICE@ROITHNER-LASER.COM



## RLTMGL-532 1-450 mW



### Green Diode Pumped Solid State Laser

All solid state 532 nm green laser featuring compact size, long lifetime, and low cost, and easy operability, which is widely used for scientific experiments, measurements, optical sensors, communication, spectrum analysis, medical treatment, etc.



#### Specifications

Wavelength	532 $\pm$ 1 nm
Output Power	1 - 450 mW
Transverse Mode	TEM <sub>00</sub>
Operating Mode	CW
Power Stability (rms, over 4 hours)	< 1%, < 3%, < 5%
Warm-up time	< 10 min
M <sup>2</sup> factor	< 1.2
Beam Divergence (full angle)	< 1.5 mrad
Beam Diameter (at the aperture)	~ 2.0 mm
Beam Height (from base plate)	24.8 mm
Polarization ratio	> 100:1 ( 0° or 90°)
Pointing stability after warm up	< 0.05
Operating Temperature	10 - 35 °C
<b>Power Supply (90-260VAC)</b>	<b>PSU-FDA (included)</b>
Expected Lifetime	10000 hours
<b>Warranty period</b>	<b>1 year</b>

#### Options

PSU-LED (90-260VAC)	Power supply featuring adjustable output power and current display
PSU-OEM (5VDC)	DC power supply for system integration
TTL modulation	1-30 kHz
Analog modulation	1-30kHz, 0-5V
Fiber coupling	Multi mode/single mode fiber, SMA-905/FC connector





**ROITHNER LASERTECHNIK** GmbH

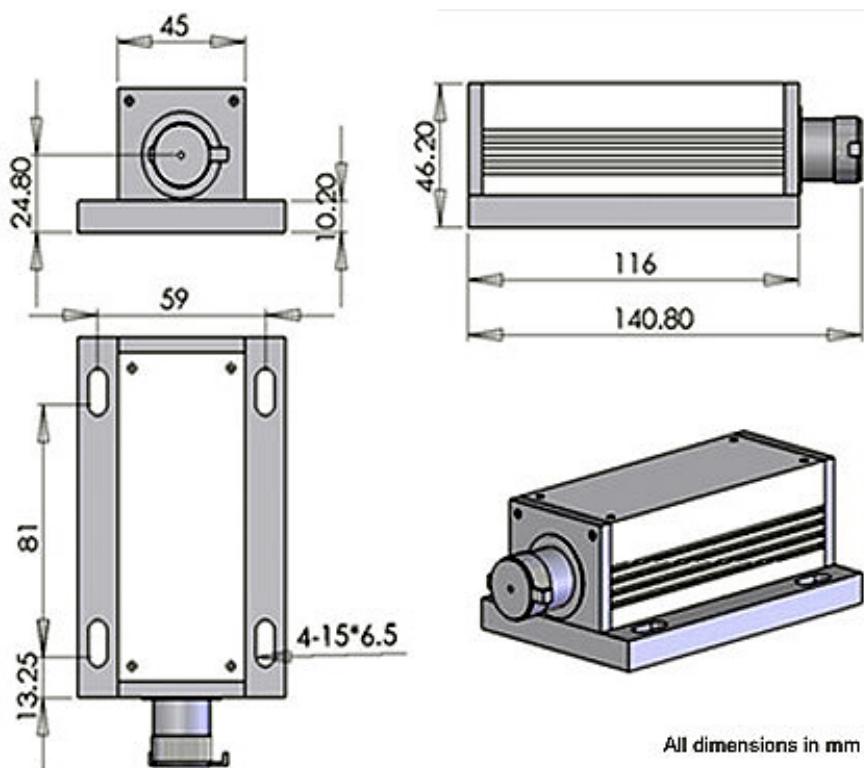
WIEDNER HAUPTSTRASSE 76      1040 VIENNA      AUSTRIA  
TEL. +43 1 586 52 43 -0, FAX. -44, OFFICE@ROITHNER-LASER.COM



### RLTMGL laser head



141 x 73 x 46 mm<sup>3</sup>, 0.6 kg





**ROITHNER LASERTECHNIK** GmbH

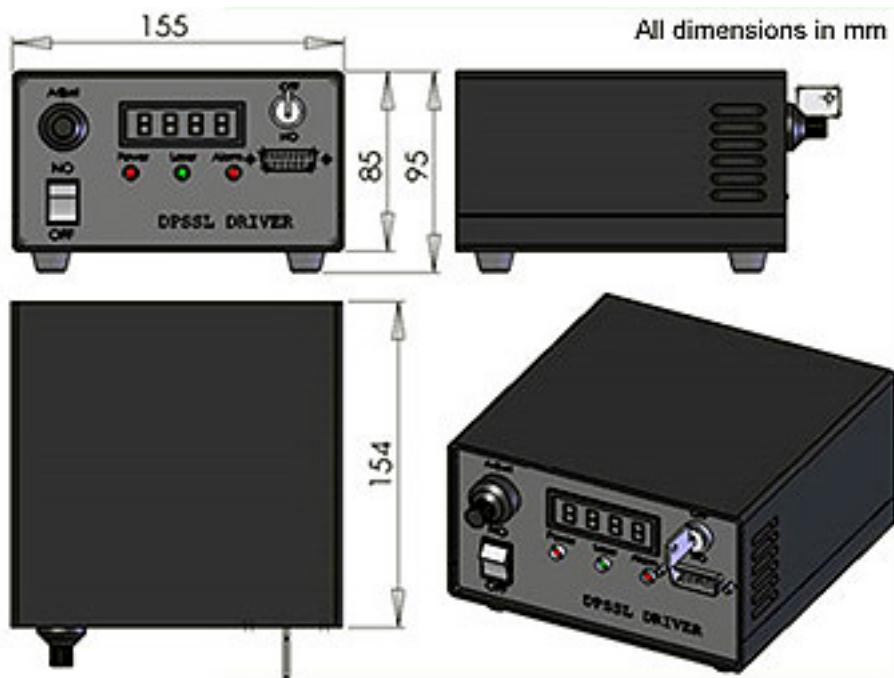
WIEDNER HAUPTSTRASSE 76      1040 VIENNA      AUSTRIA  
TEL. +43 1 586 52 43 -0, FAX. -44, OFFICE@ROITHNER-LASER.COM



### PSU-LED power supply



154 x 155 x 95 mm<sup>3</sup>, 1.5 kg





**ROITHNER LASERTECHNIK** GmbH

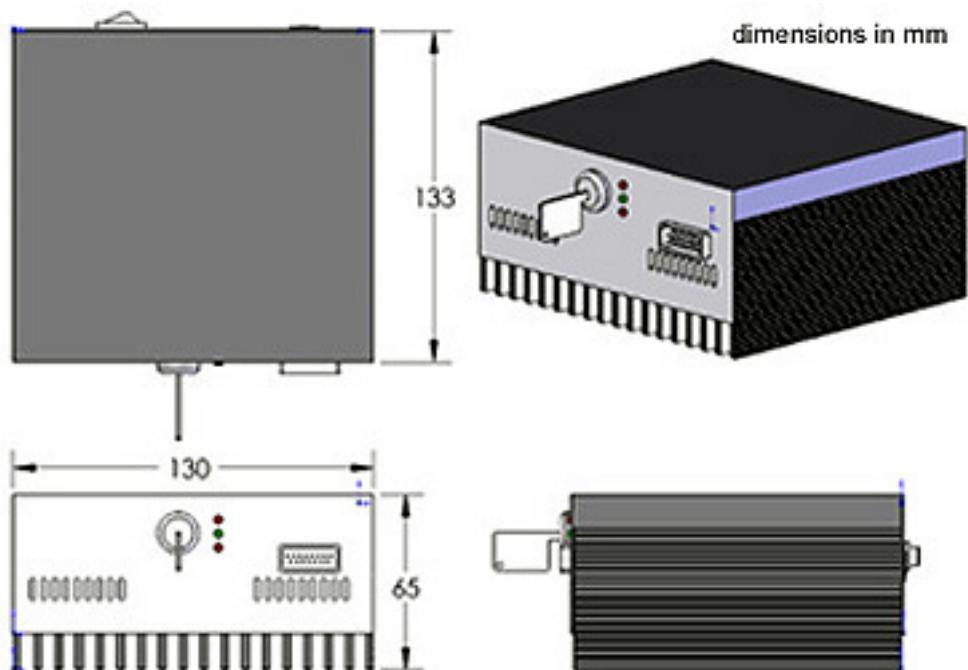
WIEDNER HAUPTSTRASSE 76      1040 VIENNA      AUSTRIA  
TEL. +43 1 586 52 43 -0, FAX. -44, OFFICE@ROITHNER-LASER.COM



### PSU-FDA power supply



133 x 130 x 65 mm<sup>3</sup>, 1.2 kg



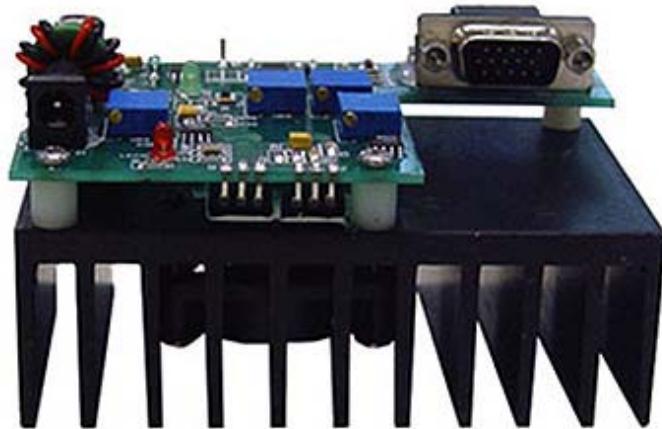


**ROITHNER LASERTECHNIK** GmbH

WIEDNER HAUPTSTRASSE 76      1040 VIENNA      AUSTRIA  
TEL. +43 1 586 52 43 -0, FAX. -44, OFFICE@ROITHNER-LASER.COM



### PSU-OEM power supply



100 x 60 x 56 mm<sup>3</sup>, 0.2 kg

