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 operatability, which is widely used for scientific experiments, measurements, optical sensors, communication, spectrum analysis, medical treatment, etc.



Specifications	
Wavelength	532 ±1 nm
Output Power	1 - 450 mW
Transverse Mode	TEM_{00}
Operating Mode	CW
Power Stability (rms, over 4 hours)	< 1%, < 3%, < 5%
Warm-up time	< 10 min
M^2 factor	< 1.2
Beam Divergence (full angle)	< 1.5 mrad
Beam Diameter (at the aperature)	~ 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
Power Supply (90-260VAC)	**PSU-FDA (included)**
Expected Lifetime	10000 hours
Warranty period	**1 year**

Options	
PSU-LED (90-260VAC)	Power supply featuring adjustable ouptut 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

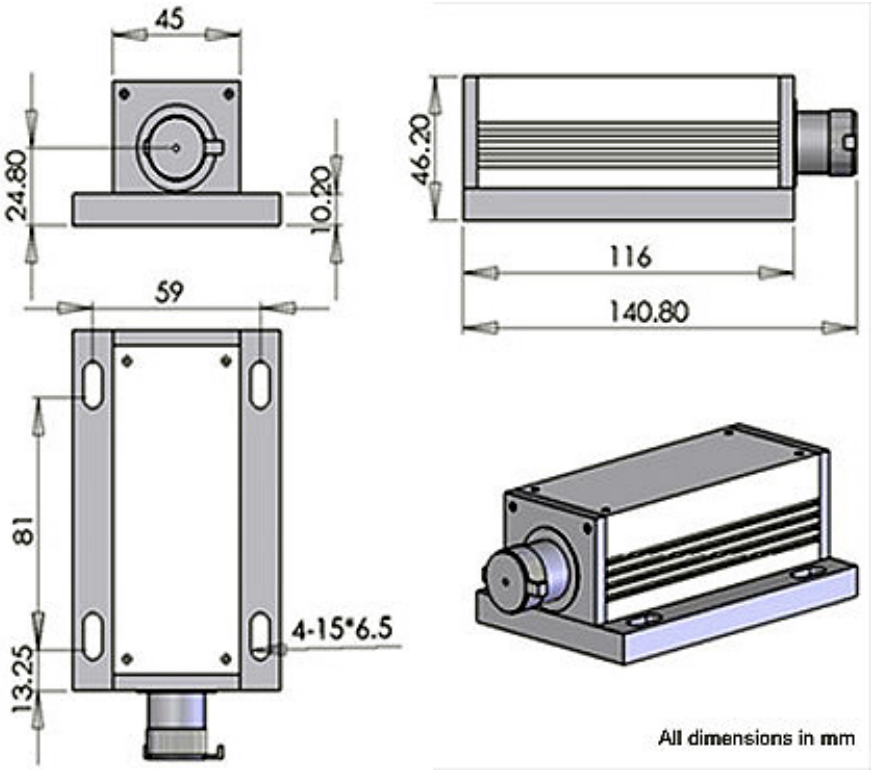


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RLTMGL laser head



141 x 73 x 46 mm³, 0.6 kg

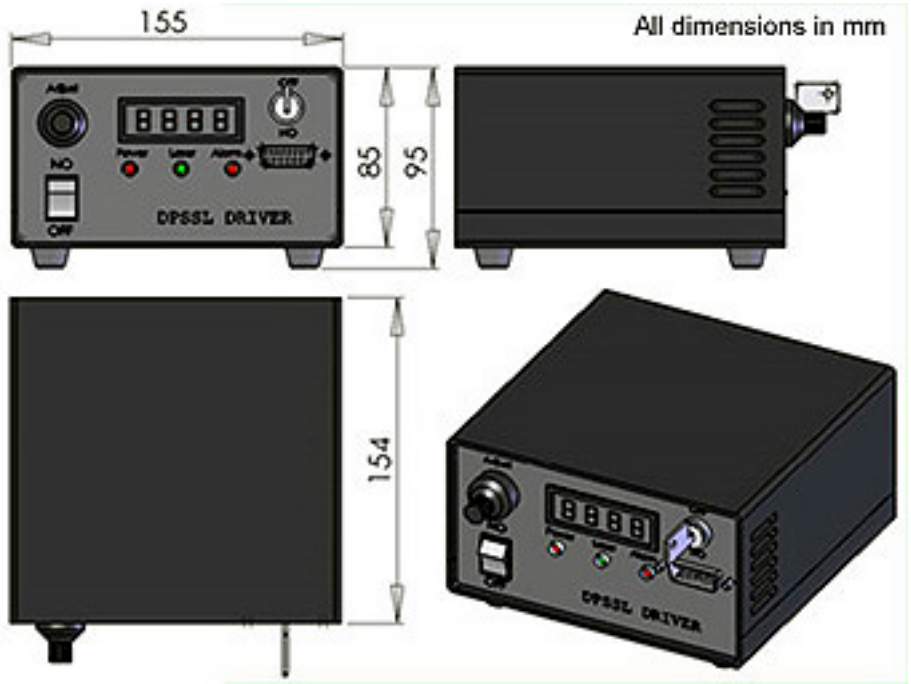


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PSU-LED power supply



154 x 155 x 95 mm³, 1.5 kg

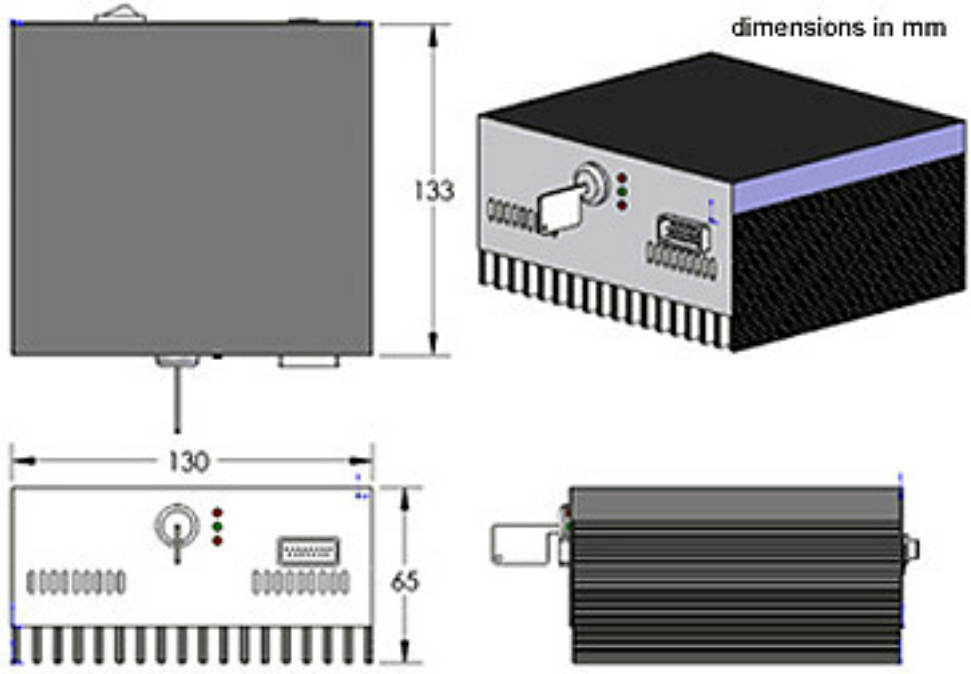


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PSU-FDA power supply

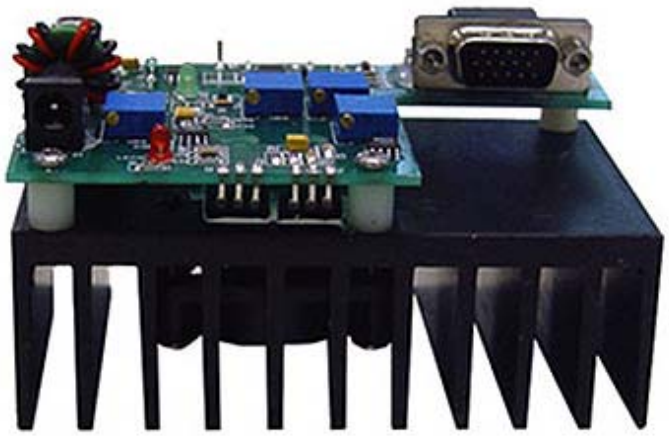


133 x 130 x 65 mm³, 1.2 kg



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PSU-OEM power supply



100 x 60 x 56 mm³, 0.2 kg

