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

RLTMLL-532 1-450 mW

LOW NOISE LASER

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.

ISO FDA RoHS CE JQA CCC

ATTENTION
OBSERVE PRECAUTIONS FOR HANDLING
ELECTROSTATIC SENSITIVE DEVICES

Specifications

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
M² 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
Noise of amplitude (rms, 1 - 20Mhz)	**< 1%, <0.5%**
Coherence length	**~ 1m**
Operating Temperature	10 - 35 °C
Power Supply (90-260VAC)	PSU-FDA (included)
Expected Lifetime	10000 hours
Warranty period	**1 year**

Options

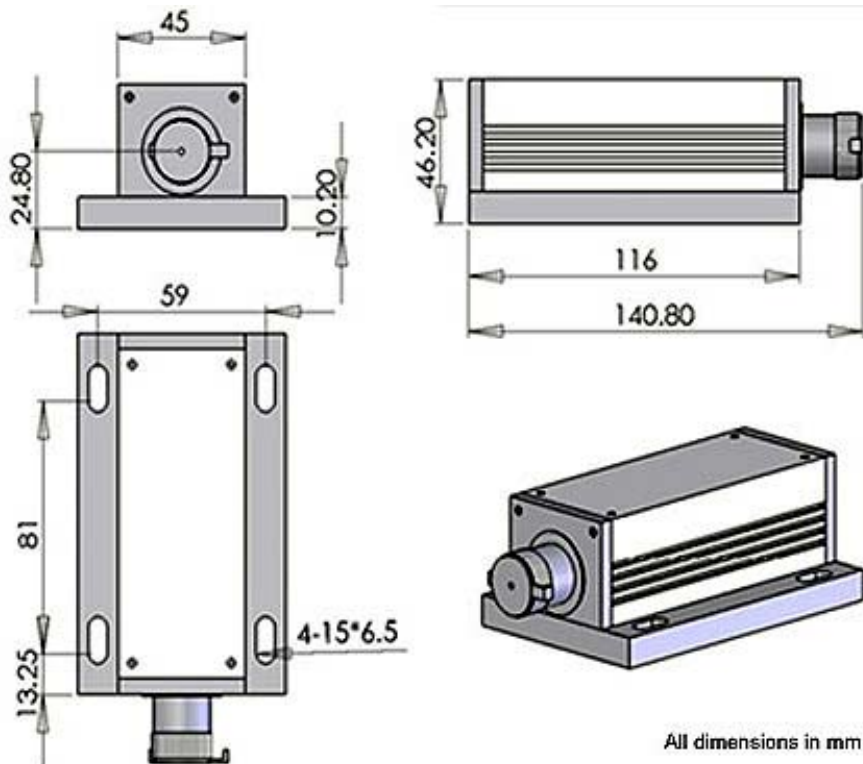| Options	
PSU-OEM (5VDC)	DC power supply for system integration
Fiber coupling	Multi mode/single mode fiber, SMA-905/FC connector

DANGER
LASER RADIATION
AVOID DIRECT EXPOSURE TO BEAM
DO NOT STARE INTO BEAM
NEVER VIEW THROUGH OPTICAL INSTRUMENTS

RLTMLL laser head
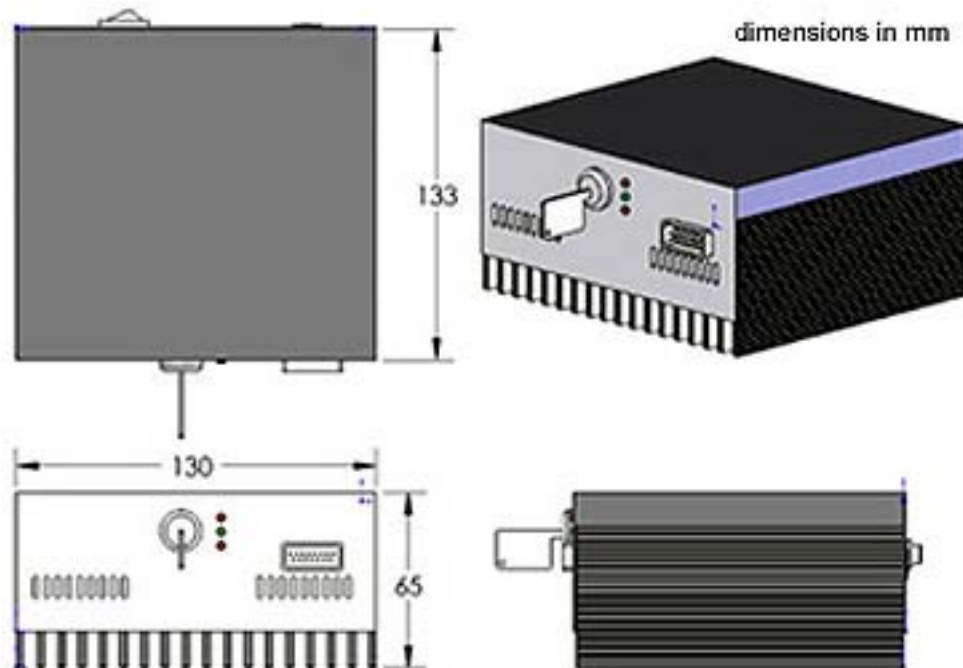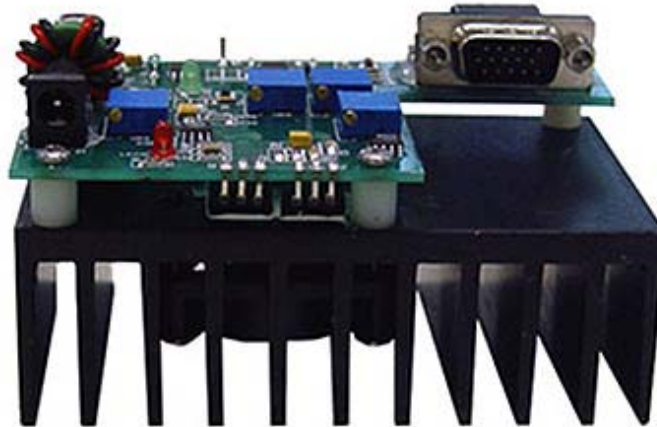
141 x 73 x 46 mm³, 0.6 kg

PSU-FDA power supply

133 x 130 x 65 mm³, 1.2 kg
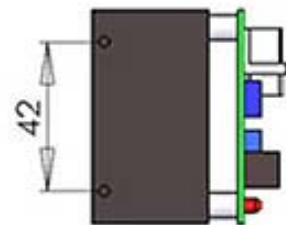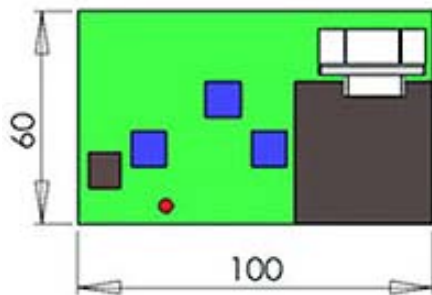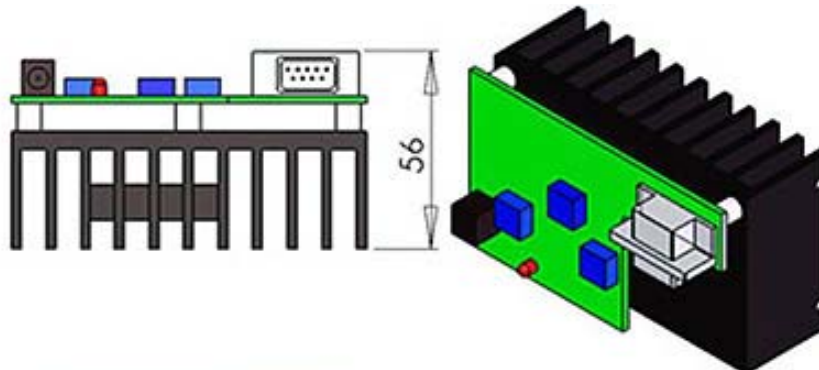

dimensions in mm

133

130

65

PSU-OEM power supply

100 x 60 x 56 mm³, 0.2 kg

All dimensions in mm