

Specifications

OPTICAL

Wavelengths	450 nm	520 nm	635 nm
Optical Output Power (+/-1 mW)	20 mW	20 mW	20 mW
Laser Power Stability	< 5% temp. dependent		
Optical safety class	Class 3R/ Class IIIa		
Lasers modulation	Individual, TTL type		
Maximum modulation frequency	100 kHz		
Optical Output Connector	FC-PC adaptor		

ELECTRICAL

Operating Voltage	12 V DC
Operating Current	< 0.5 A
TTL modulation voltages	0 V – 2.3 V = laser on 2.9 V – 5.0 V = laser off

MECHANICAL

Housing, mm	61.5 x 39 x 30.5
Operating Temperature	+10°C to +40°C
Storage Temperature	-40°C to +80°C
Heat Sink Requirements	Required for extended use

RGB Laser-Series Product Features

- Excellent Coupling Efficiency
- Compact Size
- Long Life-Time

RGB Laser-Series Applications

- Illumination
- Measurement

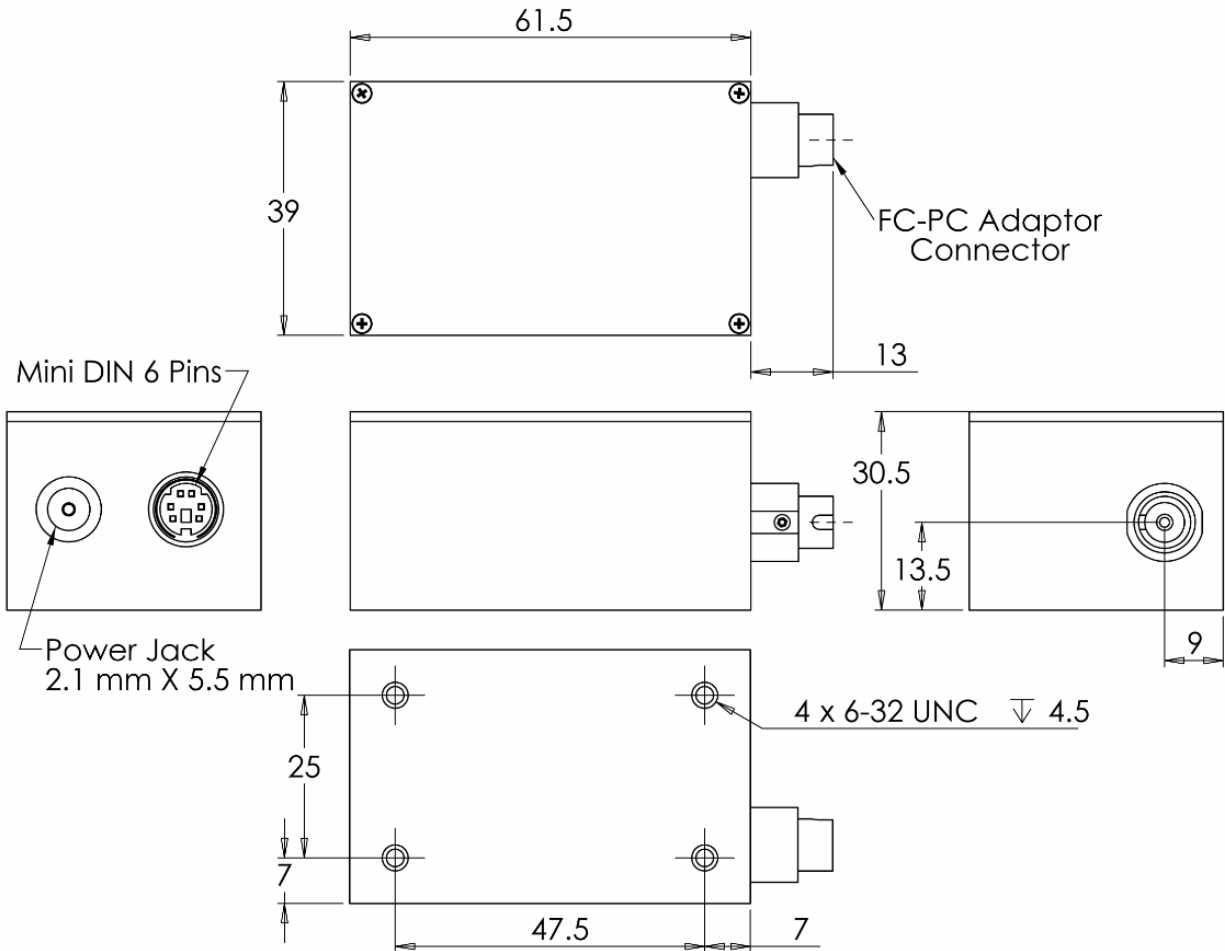
RGB Laser-Series is a compact self-contained, modulatable highly reliable RGB lasers' source.



Operational Hazard-Semiconductor Laser Diode Module: This laser module emits radiation that is visible and harmful to human eye. When in use, do not look directly into the laser emitting aperture. Direct viewing of laser diode emission at close range may cause eye damage.

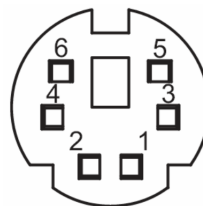
Limited Warranty: One year. No warranty coverage for disassembly, modifications or damage due to abuse or misapplication.

Mechanical Drawing



Mini DIN 6 Pins Modulation Connector

Pin	Description
1	Red laser modulation
2	Green laser modulation
3	Blue laser modulation
4	Ground
5	+5 V DC
6	+12 V DC



Power Jack

Pin	Description
Center	+12 V DC
Sleeve	Ground

Class IIIB Modules sold solely for use in OEM equipment, OEM is responsible for compliance with all safety regulations.