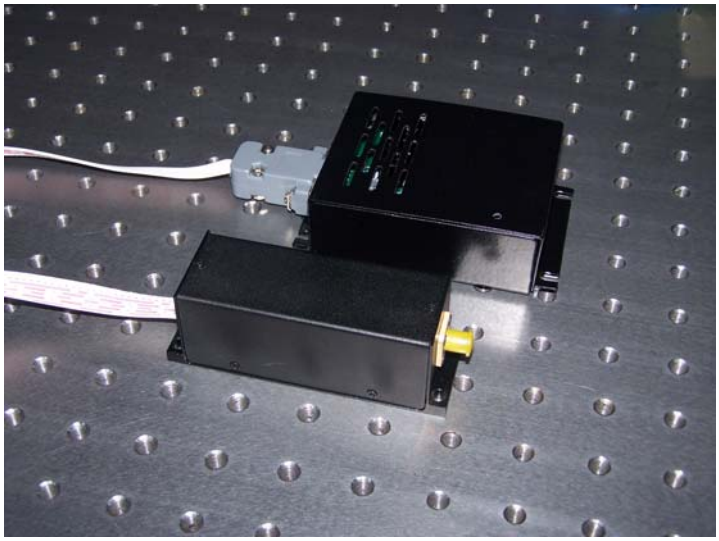
RgBLase LLC

P/N: FC-785-xxx

Fiber Coupled Semiconductor Laser Module

Key Features:

- 785nm fiber coupled output
- Constant Power Control
- TTL Modulation Option
- ESD protection
- Plug & Play
- Low Optical Noise
- Stabilized Wavelength



Applications:

- Bio Technology
- Photo Finishing
- Semiconductor Instrument
- Medical Instrument
- Scientific Research

Specifications:

Wavelength	785nm+/-1nm
CW Output power	350mW, 500mW
Output stability	2%
Noise (RMS)	<0.5%
Fiber Type	Multi mode fiber
Fiber Core Diameter	100um, 200um, 400um
Connector	FC/PC or SMA
Fiber cable length	1m
Fiber height from base	20mm
Operating temperature	10~35 degree C
Warm up time	< 15minutes
Laser Head Dimensions:	35mm(H)X35mm(W)X102mm(L)
Expected lifetime	>10,000hours
Power Supply	80V ~ 240V AC

This component does not comply with the Federal Regulations (21 CFR Sub chapter 1) as administered by the Center for Devices and Radiological health. Purchaser acknowledges that his/her products must comply with these regulations before they can be sold to a customer. The output light from this product is harmful to a human body even if it is invisible. Avoid looking at the output of this product directly, or through a lens during operation. Observance of operation should be through a TV camera or related equipment. Refer to IEC 825-1 and 21 CFR 1040.10-1040.11 as a radiation safety standard for laser products.

RGBLase LLC follows a policy of continuous product improvement. Specifications are subject to change without notice.

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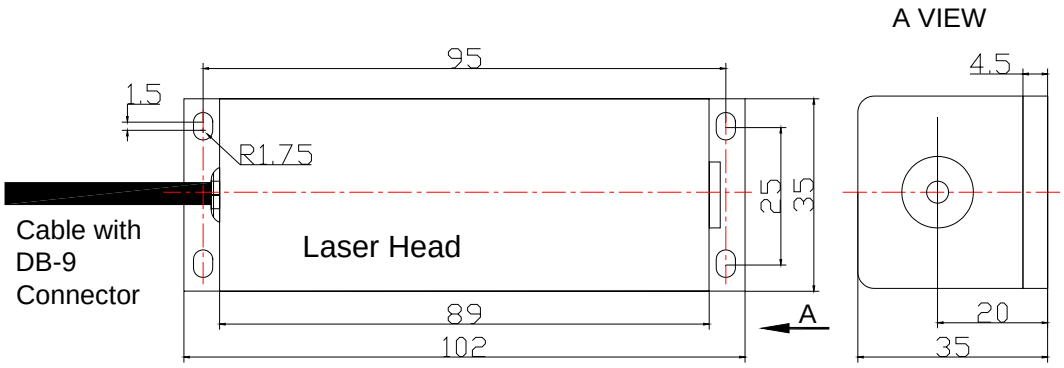
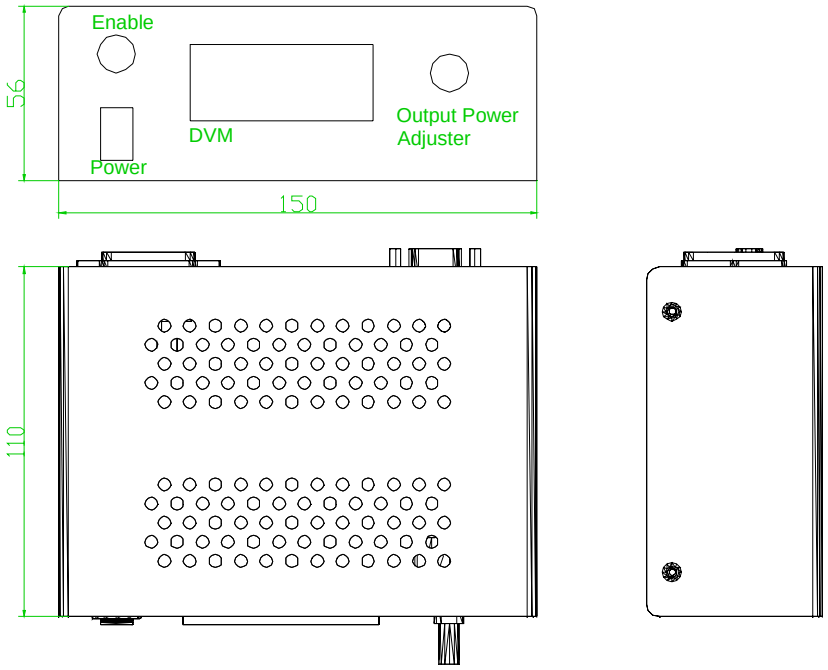
Mechanical Dimension of Laser Head



Mechanical Dimension of Laser Driver



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