

## 658nm Raman Laser Module

### Key Features:

- ◆ Free Space or Multi mode Fiber Coupling
- ◆ Constant Power Control
- ◆ TTL Modulation Option
- ◆ ESD protection
- ◆ Plug & Play
- ◆ Narrow Optical Spectrum

### Applications:

- ◆ Raman Application
- ◆ Bio instrument
- ◆ Semiconductor Instrument
- ◆ Medical Instrument
- ◆ Scientific Research



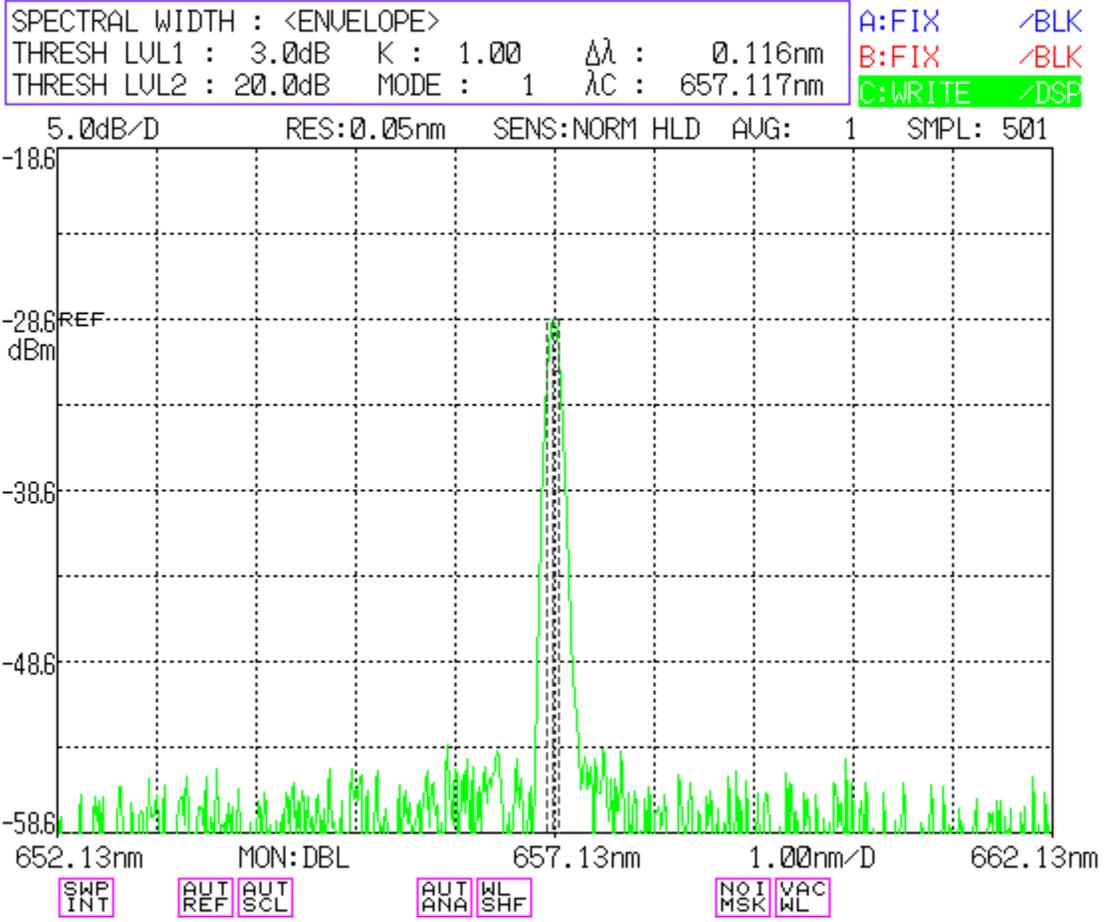
### Specifications:

Wavelength	658nm+/-1nm
CW Output power	40mW ~ 300mW
Output Power stability	5%
Spectrum width	<0.2nm
Central Wavelength Stability	<0.01nm
Out put	Free Space or Fiber coupled
Fiber Core Diameter	100um, 200um, 400um
Connector	FC/PC or SMA
Modulation	TTL or Analog
Modulation Speed	10KHz
Operating temperature	0~40 degree C( laser case)
Warm up time	< 15minutes
Expected lifetime	>5,000hours
Power Supply	80V ~ 240V AC
Warranty	One year

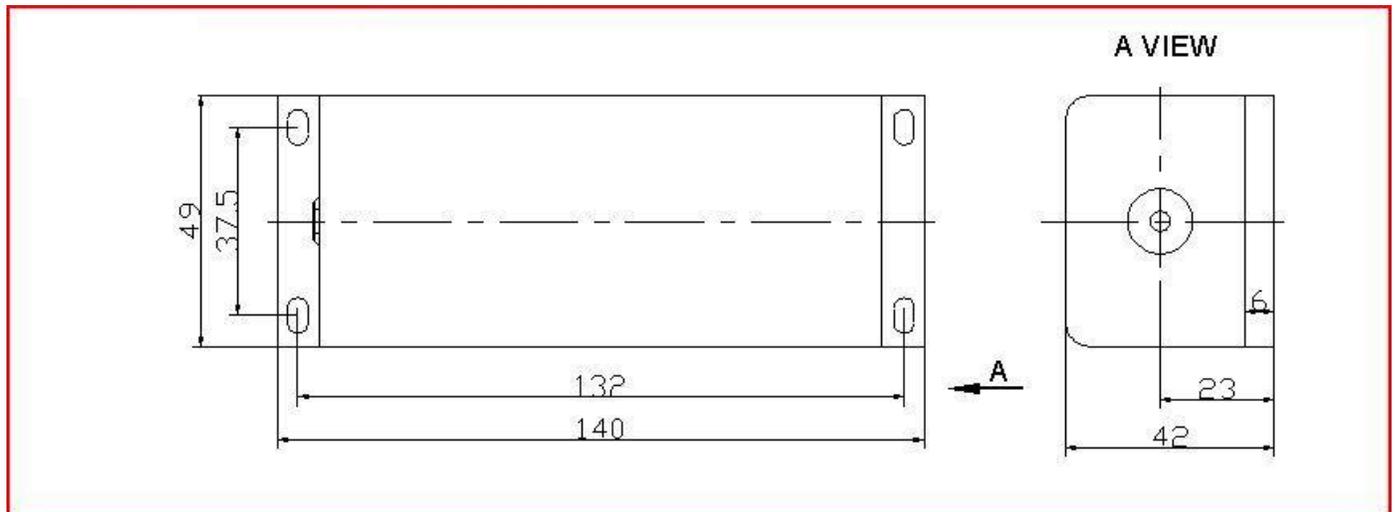
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## Typical Optical Spectrum Performance for RM version

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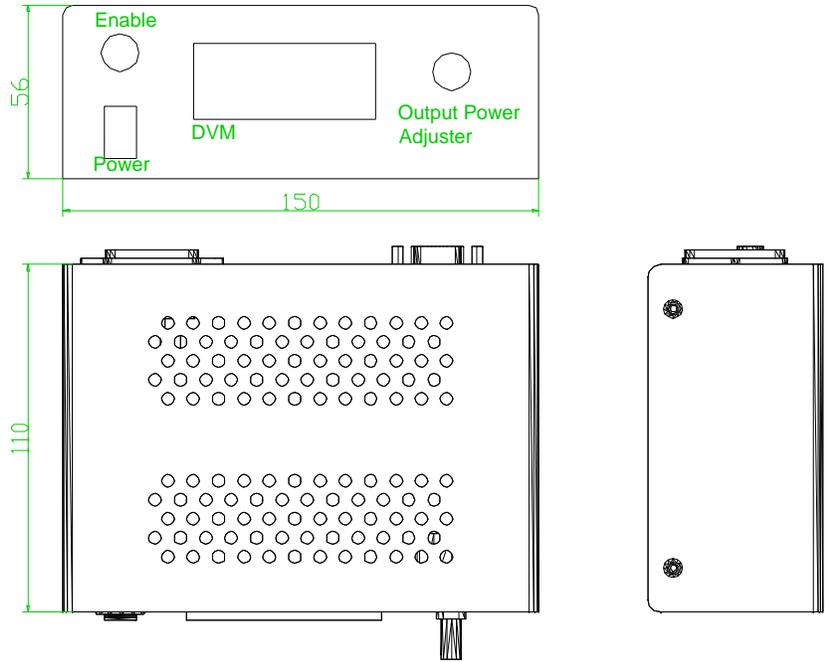
## Mechanical Dimension of Laser Head





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## Mechanical Dimension of Laser Driver( optional for Lab use)



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.

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

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