

**635nm&520nm&445nm Tri-Wavelength Multi-mode Fiber Coupled Laser Diode Module |Red Green Blue Laser Triplex Pigtailed Laser Module with White Light Output | Used for Laser Show, Medical Cure, Entertainment Triplex-RWLX-445/100m-520/100m-635/100m-M-H-T**

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	-10 ~ +50	°C
Storage Temperature	$T_{stg}$	-40 ~ +80	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C

**Features:**

- 445nm&520nm&635nm Tri-wavelength Output
- RGB Laser Output From 105um MM Fiber
- Built-in TEC Cooler
- Compact Package Size

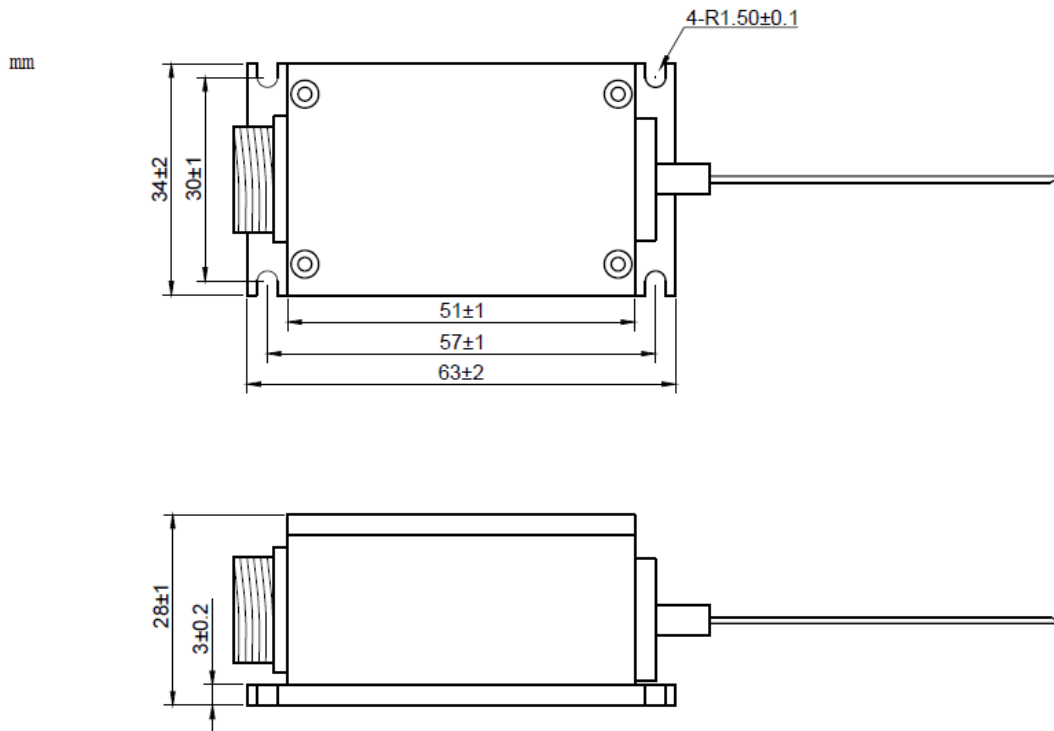
**Applications:**

- Endoscopy
- Aiming Beam
- Bioscience
- Illumination



Specifications	Triplex-RWLX-445/100m-520/100m-635/100m-M-H-T		
	Wavelength-1	Wavelength-2	Wavelength-3
Center Wavelength	450nm	520nm	638nm
Output Power (CW)	100mW	100mW	100mW
Threshold Current (Typ.)	30mA	70mA	70mA
Operating Current (Typ.)	150mA	280mA	230mA
Operating Voltage	6.5V	7.5V	3.0V
Recommended Operating Temperature	25°C		
TEC Max Current	3.5A		
TEC Max Voltage	7.0V		
Thermistor	10K		
Fiber Type	Multi-mode Fiber		
Fiber Core Diameter	105um		
Fiber Length	>80cm		
Connector Type	FC/SMA905		
Package	HHL-01		

**Package View**



We offer Customized 445nm & 520nm & 635nm Tri-Wavelength Module Which is output from one Single Mode Fiber.

- Customized Output Power (Such as 20mW@445nm & 20mW@520nm & 20mW@635nm)
- Built-in TEC Cooler Optional
- Fiber Detachable Package Optional

**Caution**  
On operation, if optical connectors are unterminated, modules can emit invisible laser radiation. Radiation emitted by laser devices can be dangerous to the eyes. Avoided eye or skin exposure to direct or scattered radiation

