

635nm&520nm&445nm Tri-Wavelength Single mode Fiber Coupled Laser Diode Module|Red Green Blue Laser Triplex Pigtailed White Laser Module | With TEC Cooling | RGB Laser Output From 3um Single Mode Fiber Triplex-RWLX-445/010m-520/010m-635/010m-4-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 3um SM Fiber
- Built-in TEC Cooler
- Compact Package Size

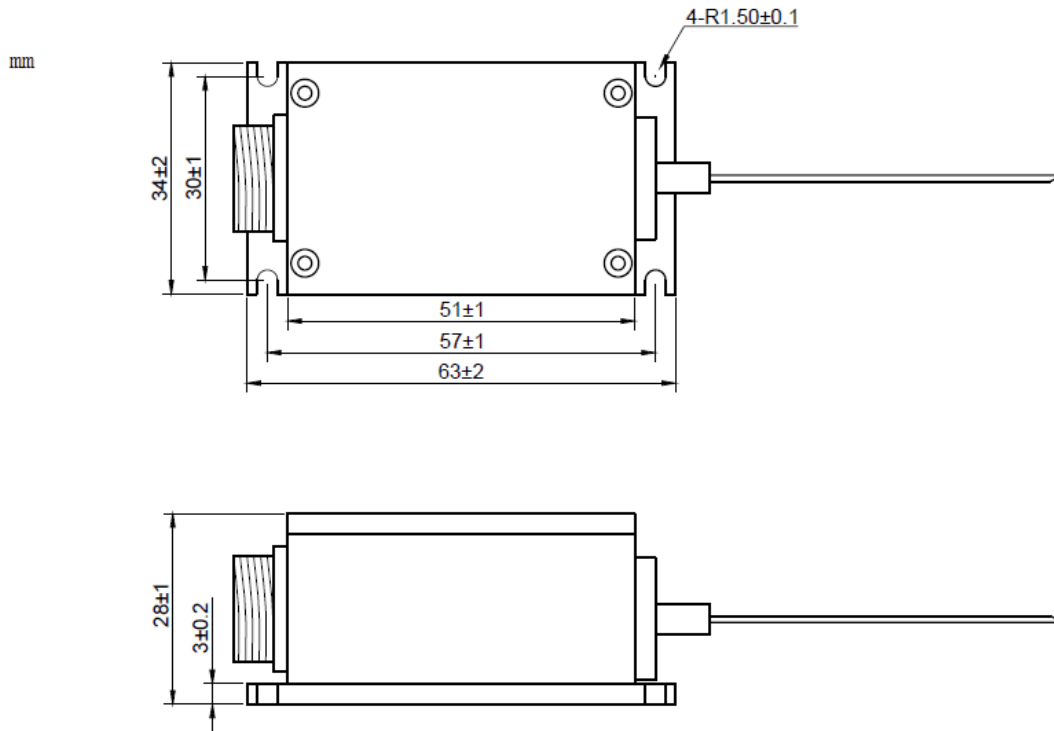
Applications:

- Endoscopy
- Aiming Beam
- Bioscience
- Illumination



Specifications	Triplex-RWLX-445/010m-520/010m-635/010m-4-H-T		
	Wavelength-1	Wavelength-2	Wavelength-3
Center Wavelength	445nm	520nm	635nm
Output Power (CW)	10mW	10mW	10mW
Threshold Current (Typ.)	30mA	40mA	50mA
Operating Current (Typ.)	120mA	180mA	160mA
Operating Voltage	6.0V	7.0V	2.7V
Recommended Operating Temperature	25°C		
TEC Max Current	3.5A		
TEC Max Voltage	7.0V		
Thermistor	10K		
Fiber Type	Single Mode Fiber		
Fiber Core Diameter	3um		
Fiber Length	80cm		
Connector Type	FC/SMA905		
Package	HHL		

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



DANGER

INVISIBLE LASER RADIATION
AVOID DIRECT EXPOSURE TO BEAM



Invisible Laser Radiation
Avoid Direct Exposure to Beam
Class 3B Laser Product