



# Triplex (RGB) Fiber Coupled White Light Laser Source



**2022 V1**

For customized projects please Contact us:

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SIMTRUM offers the Triplex (RGB) Fiber Coupled White Light Laser Source. The Triplex Laser Source contains the Fiber Coupled Laser Module, LD Driver and Temperature Control System. With an Input of 90V~240V AC input, the Laser Source can easily get to work. Meanwhile, the 635nm, 520nm and 445nm Laser are controlled Independently.

We couple the Red (635nm), Green (520nm) and Blue (445nm) Laser into one piece of fiber to get the white color laser.

The Fiber Type can be Single mode Fiber (SMF), Multimode Fiber (MMF) and Polarization Maintaining Fiber (PMF). The fiber core can be 4um, 9um, 105um, etc. By controlling the ratio of RGB Laser, we can get the perfect white color laser. Meanwhile, by adjusting the ratio, various colors of the laser also can be obtained.

To ensure long-time reliability and power stability, each Laser Source will undergo rigorous testing and aging in the factory.

SIMTRUM also offers Customized solutions for Triplex Laser Source, such as Customized Wavelength, Customized Power and Customized Fiber Core to meet the special needs of customers.

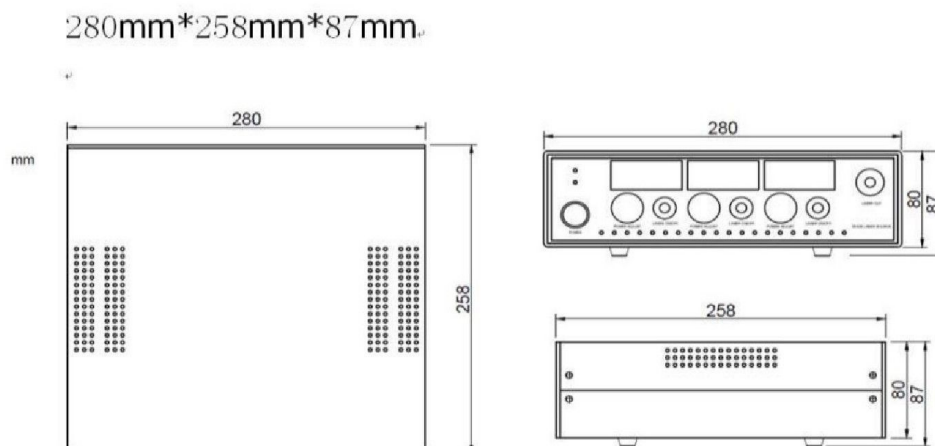
## Features

- RGB (635nm+520nm+445nm) Turnkey Laser System
- SMF/MMF/PMF Optional
- White Color Laser Output
- Each Wavelength Independent Control
- Built-in Driver and TE Cooler
- 90V~240V AC Input
- TTL/Analog Modulation
- Customized Wavelength/Power/Fiber Type



## Packaging Information

### Triplex Laser System Packing View (A200)



## Specifications

Note V – yes, N – No, O – Optional

### Various Wavelength Optional

Port-1 405nm | 445nm

Port-2 488nm | 505nm | 520nm | 525nm

Port-3 638nm | 658nm | 670nm | 685nm | 785nm

### Various Wavelength Optional

SMF 3um

PMF 3um

MMF 9um | 50um | 105um | 200um

## Laser Beam With SMF

