

Triplex (RGB) Fiber Coupled White Laser System

PRODUCT FEATURE

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



PRODUCT OVERVIEW

Triplex (RGB) Fiber Coupled White Laser System is the competitive product of WAVESPECTRUM.

The Triplex Laser System contains the Fiber Coupled Laser Module, LD Driver and Temperature Control System. Just need input 90V~240V AC can work the Laser Source, it is easy to use. 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 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 laser. Meanwhile, by adjusting the ratio, various colors of laser also can be obtained.

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

WAVESPECTRUM also offer the Customized Solution for Triplex Laser System, such as Customized Wavelength, Customized Power and Customized Fiber Core to meet the special needs of customers.



Fiber Type	Part Number	Wavelength-1	Wavelength-2	Wavelength-3	Fiber Core	Analog	TTL
Single Mode	Triplex-WLSL-445/010m-520/010m-635/010m-4-H	638nm/10mW	520nm/10mW	445nm/10mW	3um	<input type="radio"/>	<input type="radio"/>
Single Mode	Triplex-WLSL-445/015m-520/015m-635/015m-4-H	638nm/15mW	520nm/15mW	445nm/15mW	3um	<input type="radio"/>	<input type="radio"/>
SMF-28	Triplex-WLSL-445/030m-520/030m-635/030m-9-H	638nm/30mW	520nm/30mW	445nm/30mW	9um	<input type="radio"/>	<input type="radio"/>
Multimode	Triplex-WLSL-445/050m-520/050m-635/050m-M-H	638nm/50mW	520nm/50mW	445nm/50mW	105um	<input type="radio"/>	<input type="radio"/>

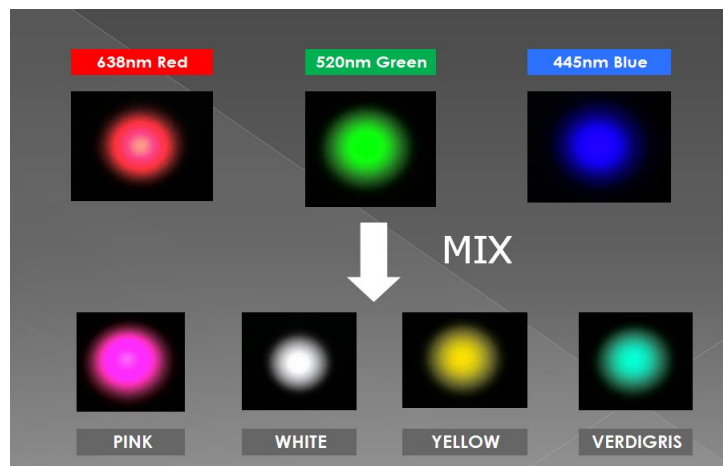
Power supply: 90V~240VAC | Connector:FC | Built-in TE Cooling | Case Model: A-200

Note: √:Yes, ○:Optional, ×:No.

Various Wavelength Optional		
Port-1	405nm 445nm 488nm	Blue Laser
Port-2	505nm 520nm 525nm	Green Laser
Port-3	638nm 658nm 670nm 685nm	Red Laser

Various Fiber Type Optional	
SMF	3um
PMF	3um
MMF	9um 50um 105um 200um

Laser Beam With SMF:



Triplex Laser System Packing View (A200):

280mm*258mm*87mm.

