

CATALOG

Red & Green Aiming Beam for Fiber Laser





WAVESPECTRUM GROUP was founded in 1999. It is comprised by a group of experienced and innovative experts in the fields of laser physics, materials science, electronic technology and mechanical design. It has established solid cooperation with some famous universities, research institutes and laboratories.

Wavespectrum products are widely used in space science, optical communication technology, laser display, laser medical, life sciences and materials processing. With the rapid development, R&D centers and production bases have been established in China and Europe. The current plant area is 4,000 square meters, including 2,000 square meters of Class 1,000 clean workshops.

Wavespectrum products include laser diodes, fiber-coupled laser modules and fiber-coupled laser systems with wavelengths from 405nm to 1920nm. Our products are used in medical, printing, laser display, life science, laser communication and other fields. At present, the products have all passed the certifications of ROHS, REACH, CE, etc. At the same time, we have got ISO90001 quality management system certification.

Wavespectrum has world-class R&D team, and it has the world first-class production processing plants. Our products can meet the military-grade production and design standards. The products are well acclaimed world-wide, such in Germany, Austria, the United States, Japan, South Korea and other parts of the world. We have established close cooperation with a number of well-known enterprises world-wide.

Wavespectrum offers laser products with wavelength ranges from 405nm to 1920nm.

405nm	445nm	465nm	488nm	505nm	515nm	520nm	525nm	635nm	650nm	660nm	670nm	680nm
685nm	760nm	785nm	790nm	808nm	830nm	850nm	860nm	880nm	905nm	915nm	940nm	980nm
1064nm	1210nm	1270nm	1280nm	1290nm	1310nm	1330nm	1350nm	1370nm	1390nm	1410nm	1430nm	1450nm
1470nm	1490nm	1510nm	1530nm	1550nm	1570nm	1590nm	1610nm	1625nm	1650nm	1720nm	1900nm	1920nm

CONTACT US

Wavespectrum Laser Group Limited

Address : 2-2-1504, 2# Haitai Innovation 6th Road, Xiqing Dist, 300392, TianJin, China

Web : www.wavespectrum-laser.com.cn Email : sales@wavespectrum-laser.com.cn

Tel : 86-022-87931118 Fax : 86-022-86392109

Distributors Wanted World-Wide!

PRODUCT CONTENTS

Single Mode Fiber
Coupled Laser Diode



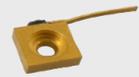
Multi-mode Fiber Coupled
Laser Module



Single Mode Laser Diode



Multi-mode Laser Diode



Collimated Laser Diode



Turnkey Fiber Coupled
Diode Laser System



OEM Fiber Coupled Diode
Laser System



Fiber Receptacle Laser
Module



405nm High Power Fiber
Coupled Laser Source



405nm Fiber Receptacle
Laser Module



Red & Green Aiming
Beam for Fiber Laser



Triplex (RGB) Fiber
Coupled White Laser
Module



Triplex (RGB) Fiber
Coupled White Laser
System



3-wavelength (Multi-
wavelength) Fiber Coupled
Laser System



3-channel (Multi-channel)
Fiber Coupled Laser
System



Multi-wavelength Fiber
Coupled Laser Module



High Power Fiber
Bundled Laser Module



Photodiode



Red & Green Aiming Beam for Fiber Laser

PRODUCT FEATURE

Red(635nm/650nm) & Green(505nm/520nm)Laser Optional
 4um/9um Fiber Core Optional
 Up to 100mW Output Power
 1000nm~1100nm Anti-reflection Function
 Coaxial Package
 Aiming Beam for Fiber Laser or Medical Application
 Long Lifetime
 High Stability



PRODUCT OVERVIEW

Red & Green Aiming Beam is the competitive product of WAVESPECTRUM.

We offer Red and Green Aiming Beam for Fiber Laser and Medical application. The wavelength can be 635nm,650nm, 505nm and 520nm. The Fiber Core can be 4um or 9um. For Fiber Laser Aiming Beam, the 1000nm~1100nm Anti-reflection Function is optional.

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

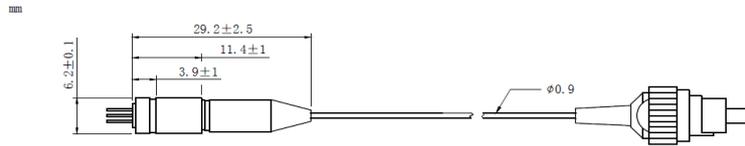
WAVESPECTRUM use laser welding technology to guarantee the long-term reliability of the laser structure. To ensure the long-term reliability, each laser diode will undergo rigorous testing and aging in the factory. Meanwhile the high-low storage temperature circulation is also necessary for each laser diode. We set the storage temperature range from -40°C to +85°C, and it lasts 10 cycles, which will ensure the long-term reliability of the coupling structure.



Wavelength	Part Number	Output Power	Fiber Type	Fiber Core	Color	1060nm Anti-reflection	Package	Connector
520nm	WSLP-520-030m-9-R	30mW	SMF-28	9um	Green	√	Coaxial	FC
	WSLP-520-020m-4-R	20mW	Single Mode	3um	Green	√	Coaxial	FC
635nm	WSLP-635-050m-9-R	50mW	SMF-28	9um	Red	√	Coaxial	FC
	WSLP-635-080m-9-R	80mW	SMF-28	9um	Red	√	Coaxial	FC
	WSLP-635-100m-9-R	100mW	SMF-28	9um	Red	√	Coaxial	FC
	WSLP-635-050m-4-R	50mW	Single Mode	4um	Red	√	Coaxial	FC
658nm	WSLP-650-020m-9	20mW	SMF-28	9um	Red	×	Coaxial	FC
	WSLP-650-040m-9	40mW	SMF-28	9um	Red	×	Coaxial	FC
	WSLP-650-020m-4	20mW	Single Mode	4um	Red	×	Coaxial	FC
	WSLP-650-040m-4	40mW	Single Mode	4um	Red	×	Coaxial	FC
	WSLP-650-050m-9-R	50mW	SMF-28	9um	Red	√	Coaxial	FC
	WSLP-650-080m-9-R	80mW	SMF-28	9um	Red	√	Coaxial	FC
	WSLP-650-100m-9-R	100mW	SMF-28	9um	Red	√	Coaxial	FC
	WSLP-650-050m-4-R	50mW	Single Mode	4um	Red	√	Coaxial	FC

Note: √:Yes, ○:Optional, ×:No.

Coaxial Package View :



B8 Package View :

