

CATALOG

405nm High Power Fiber Coupled Laser Source





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



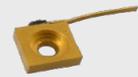
Multi-mode Fiber Coupled
Laser Module



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



405nm High Power Fiber Coupled Laser Source

PRODUCT FEATURE

405nm Laser Source
 Up to 10W Output Power
 Multimode Fiber
 Built-in Driver
 AC/DC Input
 TE Cooling /Water Cooling Optional
 TTL/Analog Modulation
 Long Lifetime
 High Stability



PRODUCT OVERVIEW

405nm High Power Fiber Coupled Laser Source is the most competitive product of WAVESPECTRUM.

It contains LD Driver and Temperature Control System. The output power upto 10W. Just need Input 90V~240V AC or 24V DC can work the Laser Source, it is easy to use. To ensure the long-time reliability and power stability, each Laser System will undergo rigorous testing and aging in factory.

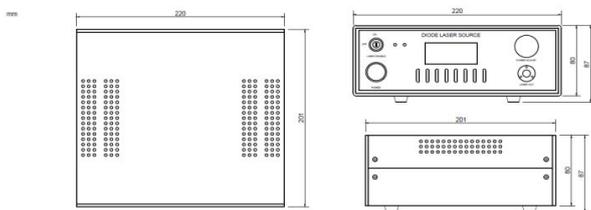


Wavelength	Part Number	Output Power	Fiber Core	Connector	Power Supply	Cooling	TTL	Analog
405nm	WLSL-405-200m-M-DC	200mW	50um/105um	FC	7.5VDC	TEC	○	○
	WLSL-405-200m-M	200mW	50um/105um	FC	90V~240VAC	TEC	○	○
	WLSL-405-350m-M-DC	350mW	50um/105um	FC	7.5VDC	TEC	○	○
	WLSL-405-350m-M	350mW	50um/105um	FC	90V~240VAC	TEC	○	○
	WLSL-405-1200m-M-DC	1.2W	<400um	FC	24VDC	TEC	○	○
	WLSL-405-1200m-M	1.2W	<400um	FC	90V~240VAC	TEC	○	○
	WLSL-405-002-M-DC	2W	<400um	FC	24VDC	TEC	○	○
	WLSL-405-002-M	2W	<400um	FC	90V~240VAC	TEC	○	○
	WLSL-405-005-M-DC	5W	<650um	FC	24VDC	Water	○	○
	WLSL-405-005-M	5W	<650um	FC	90V~240VAC	TEC	○	○
	WLSL-405-010-M-DC	10W	<800um	FC	24VDC	Water	○	○

Note: √:Yes, ○:Optional, x:No.

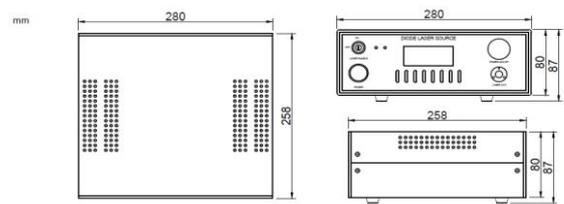
A100 Package View :

220mm*201mm*87mm



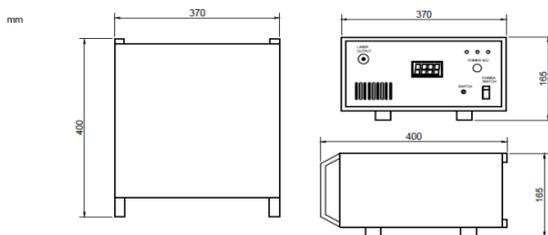
A200 Package View :

280mm*258mm*87mm



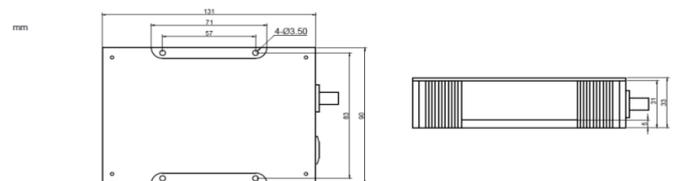
A300 Package View :

400mm*370mm*165mm



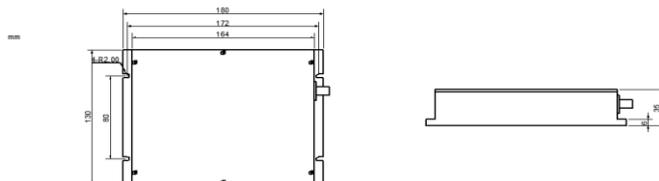
D100 Package View :

131mm*90mm*33mm



D200 Package View :

180mm*130mm*35mm



D300 Package View :

304mm*224mm*207mm

