

650nm~655nm 10W High Power Fiber Coupled Laser Diode Module
655nm 10W | 400um Fiber Core | High Power LD | Built-in Thermistor
WSLX-655-010-400M-J21
Wavespectrum Laser Group
en.wavespectrum-laser.com.cn

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 655nm
- 10W Output Power
- 400um Fiber Core
- Built-in Thermistor
- Aiming Light Optional

Applications:

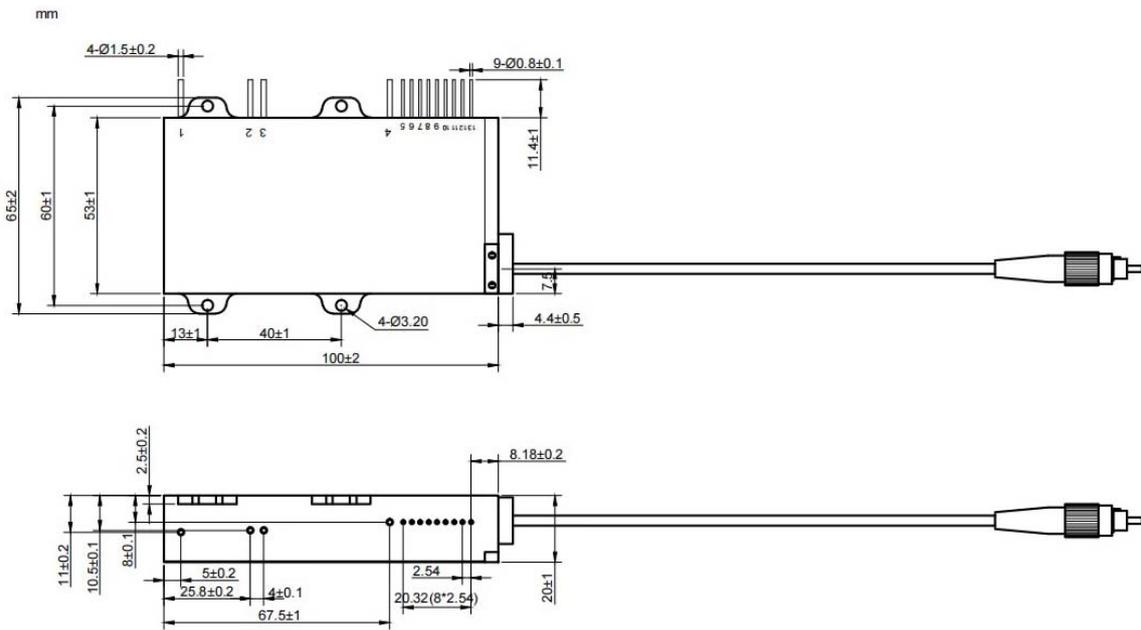
- Medical Laser Treatment
- Others


Specifications
WSLX-655-010-400M-J21

	Min.	Type	Max.
Center Wavelength@25°C	655nm ± 10nm		
Spectral Width (FWHM)	----	6nm	----
Output Power	----	10W	----
Temperature Coefficient of Wavelength	----	0.2nm / °C	----
Threshold Current (Typ.)	----	0.5A	1.2A
Operating Current (Typ.)	----	1.8A	2.0A
Operating Voltage	----	22V	26V
Recommended Case Temperature	25°C		
Thermistor	10K		
Photodiode	Optional		
Fiber Core Diameter	400um		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Connector Type	SMA905/ST/FC		
Package Style	J21A Package		
Aiming Beam	Optional		



J21A Package View:



Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.

