

655nm 1W Fiber Coupled Laser Diode Module with 50um Multi-mode Fiber| Infrared LD Module
650nm~655nm 1W Pigtailed Diode Laser Module |2-Pin Package| 50um Fiber Core
WSLX-655-001-50M-H2
Wavespectrum Laser Group
en.wavespectrum-laser.com.cn

PARAMETER	SYMBOL	VALUE	UNIT
MAX 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
- 50um Fiber Core
- 2-Pin Package
- Long lifetime

Applications:

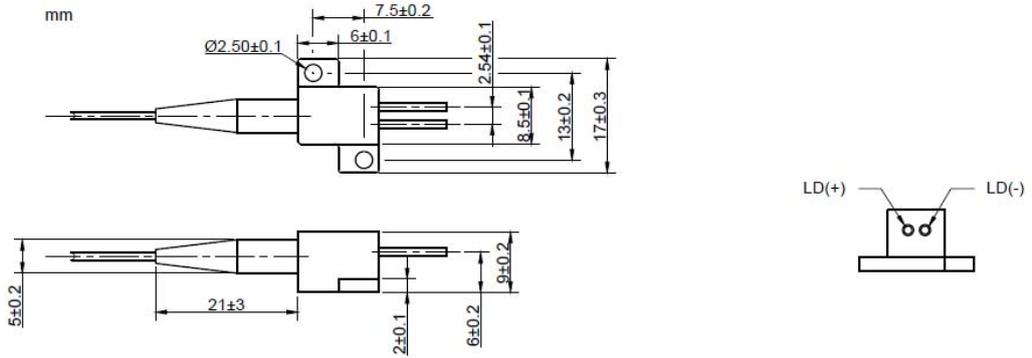
- Medical Laser Treatment
- Pumping
- Others


Specifications
WSLX-655-001-50M-H2

	Min	Type	Max
Center Wavelength@25°C	655nm±10nm		
Spectral Width (FWHM)	----	3nm	----
Output Power	----	1W	----
Temperature Coefficient of Wavelength	----	0.2nm / °C	----
Threshold Current (Typ.)	----	0.5A	1.2A
Operating Current (Typ.)	----	1.8A	2.0A
Operating Voltage	----	2.2V	2.6V
Slope Efficiency	----	0.9W/A	----
Fiber Core Diameter	50um		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Connector Type	FC (SMA905 Optional)		
Package Style	2-Pin-02		
Recommend Operating Temperature	25°C		



2-Pin-02 Package View



Wavespectrum offer **Customized 655nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- **Dual-Wavelength or Tri-Wavelength Module Optional**(such as **12w@808nm+2w@655nm**)

Contact us with info@wavespectrum-laser.com

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.



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