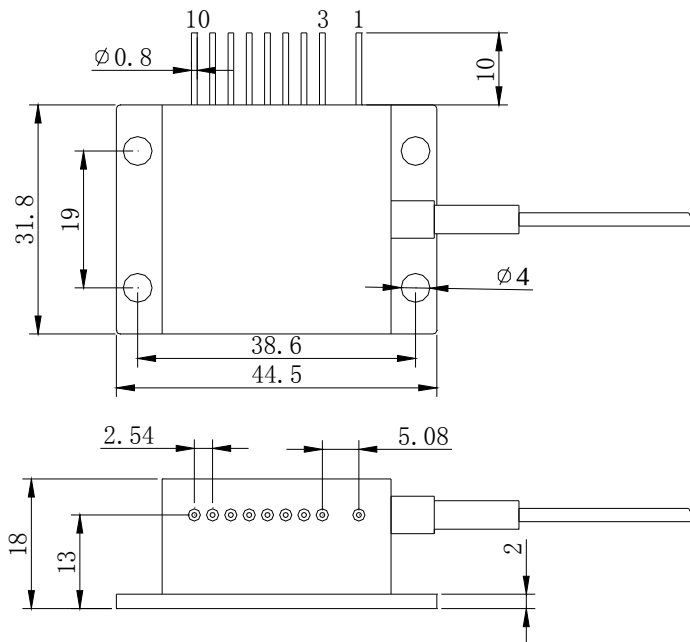


660nm 1W Fiber Coupled Diode Laser | TEC Cooling | Red Laser Diode | Photodiode Optional
650nm~660nm|9-Pin HHL Package| 200um 400um 600um 800um Fiber |Red High Power LD | PD Optional
WSLX-650-001-H-T **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

PARAMETER		SYMBOL	VALUE	UNIT
Reverse Voltage		V_r	2.0	V
Operating Temperature		T_{op}	+10 ~ +20	°C
Storage Temperature		T_{stg}	-20 ~ +65	°C
Lead soldering temperature (10 sec.)		T_{is}	260	°C
Features: 658nm 9-pin HHL Package - Built-in TEC Cooling - Photodiodes Optional Applications: - Medical Laser Treatment - Others				
Specifications		WSLX-650-001-H-T		
		Mini	Type	Max
Center Wavelength@25°C		±3nm	658	±10nm
Spectral Width (FWHM)		----	2.5nm	----
Output Power		----	1W	----
Temperature Coefficient of Wavelength		----	0.25nm / °C	----
Threshold Current (Typ.)		----	1000mA	----
Operating Current (Typ.)		----	1700mA	----
Operating Voltage		----	2.5V	2.8V
Recommended Case Temperature		15 ~ 18°C		
TEC Cooling	TEC Max Current	4A		
	TEC Max Voltage	9.8V		
PD		Optional		
Fiber Core Diameter		200um (400um 600um Optional)		
Fiber Length		80cm		
Connector Type		FC/ SMA905		
Package Style		9-pin HHL Package		



9-pin HHL Package View



PIN	FUNCTION	PIN	FUNCTION
1	TEC (-)	6	THERM
2	-	7	LD (-)
3	CASE	8	PD (P)
4	LD (+)	9	PD (N)
5	THERM	10	TEC (+)

Wavespectrum offer **Customized 650nm or 660nm Fiber Coupled LD**.
Please let me know your special request:

- Customized Output Power
- Customized Fiber
- Customized Fiber Connector

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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