

488nm~490nm 20mW Single Mode Fiber Coupled Diode Laser With Photodiode (PD) | Built-in TEC cooler  
 488nm 20mW |HHL Package| SM Fiber| Blue Diode Laser | Built-in TEC Cooling | High Stability  
 WSLX-488-020m-4-H8-T-PD      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:**

- 488nm
- 3um SM Fiber
- Built-in TEC Cooling
- Built-in Photodiode

**Applications:**

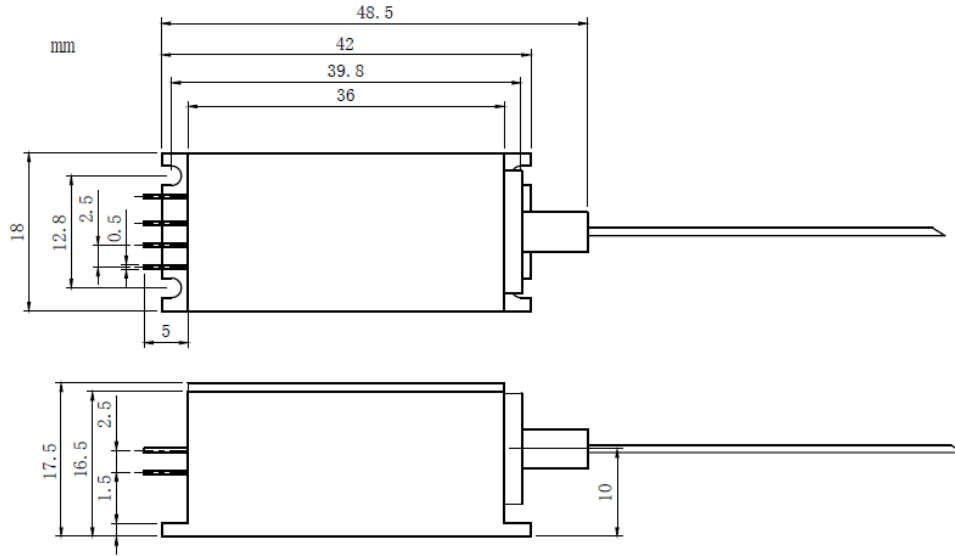
- Medical Laser Treatment
- Others


**Specifications**
**WSLX-488-020m-4-H8-T-PD**

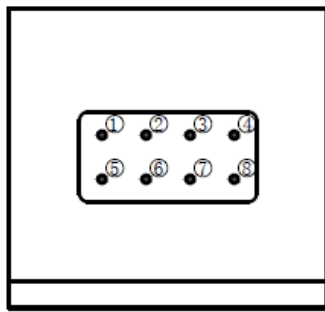
	Min.	Type	Max.
Center Wavelength@25°C	488nm±10nm		
Spectral Width (FWHM)	----	2nm	----
Output Power	----	20mW	----
Recommend Operating Temperature	25 °C		
Threshold Current (Typ.)	----	35mA	70mA
Operating Current (Typ.)	----	150mA	170mA
Operating Voltage	----	6.5V	8.0V
TEC Max Current	1.3A		
TEC Max Voltage	4.0V		
Thermistor	10K		
Fiber Type	Single Mode Fiber		
Fiber Core	3um		
Fiber Length	>80cm		
Connector Type	FC/SC/SMA905		
Photodiode	Built-in		
Package Style	8-PIN		



### 8-Pin Package View:



### Pin Out:



PIN	FUNCTION	PIN	FUNCTION
1	RT	5	PD(+)
2	LD(-)	6	PD(-)
3	LD(+)	7	TEC(-)
4	RT	8	TEC(+)

### Wavespectrum offer Customized 488nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional  
(such as 50mW@488nm+10W@980nm)

Contact us with [info@wavespectrum-laser.com](mailto:info@wavespectrum-laser.com)

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

Suggest using the constant current power supply.



Wavespectrum Laser Group  
[www.wavespectrum-laser.com](http://www.wavespectrum-laser.com)  
[sales@wavespectrum-laser.com](mailto:sales@wavespectrum-laser.com)

