

**473nm~480nm 20mW PM Fiber Coupled Diode Laser With TEC Cooler |Blue Laser Diode Module**  
**473nm 20mW Pigtailed Laser Module with Polarization Maintaining Fiber |8-Pin HHL Package| High Stability**  
**WSLX-473-020m-PM-H8-T**                      **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:**

- 473nm
- PM Fiber
- Built-in TEC Cooling
- 8-Pin Package

**Applications:**

- Medical Laser Treatment
- Biotechnology
- Others



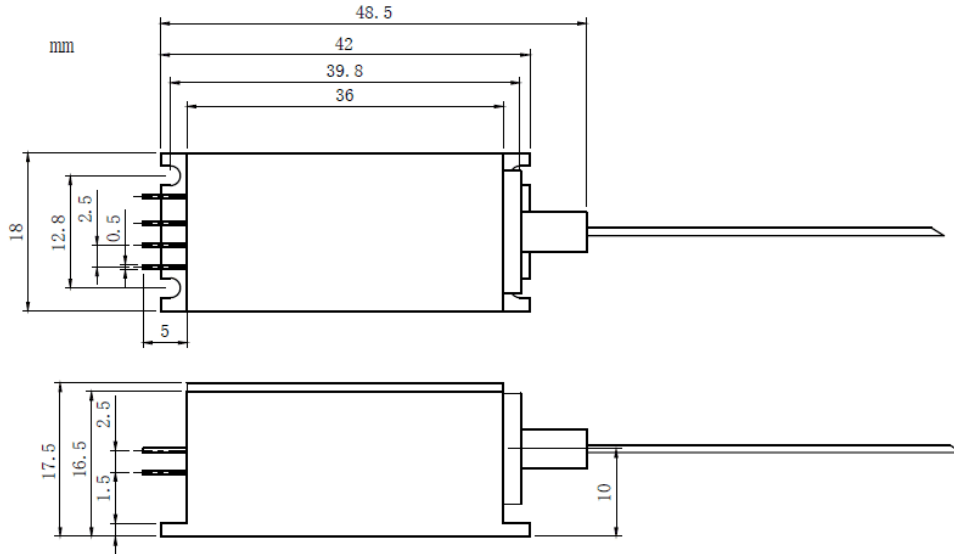
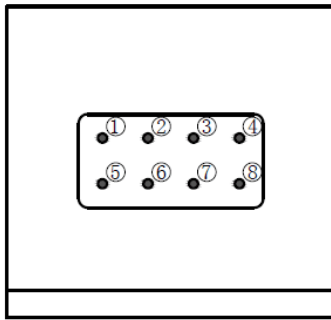
**Specifications**

**WSLX-473-020m-PM-H8-T**

	Min.	Type	Max.
Center Wavelength@25°C	473nm±10nm		
Spectral Width (FWHM)	----	2nm	----
Output Power	----	20mW	----
Recommend Operating Temperature	25 °C		
Threshold Current (Typ.)	----	35mA	65mA
Operating Current (Typ.)	----	140mA	160mA
Operating Voltage		6.5V	8.0V
Polarization Extinction Ratio	13dB	15dB	
TEC Max Current	1.3A		
TEC Max Voltage	4.0V		
Thermistor	10K		
Fiber Type	Polarization Maintaining Fiber		
Fiber Core	3um		
Fiber Length	>80cm		
Connector Type	FC/APC		

High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.



**8-Pin Package View:**

**Pin Out:**


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

**Wavespectrum offer Customized 473nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional  
(such as 10mW@473nm+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.



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