

**445nm~450nm 10W Fiber Coupled Laser Diode (LD) Module with HHL Package | 450nm Blue Laser Module**  
**440nm~455nm | 10W Output Power| With 200um Multi-mode Fiber| Built-in TEC Cooler Optional**  
**WSLX-445-010-200M-H**                      **Wavespectrum Laser Group**                      **www.wavespectrum-laser.com**

PARAMETER	SYMBOL	VALUE	UNIT
MAX Reverse Current	$V_r$	80	mA
Operating Temperature	$T_{op}$	0~+60	°C
Storage Temperature	$T_{stg}$	-40~+85	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C

**Features:**

- 445nm
- 10W Output Power
- Built-in TEC Cooler Optional
- Built-in Photodiode Optional
- Stainless Steel Armor Optional

**Applications:**

- Medical Laser Treatment
- Laser Show
- Others



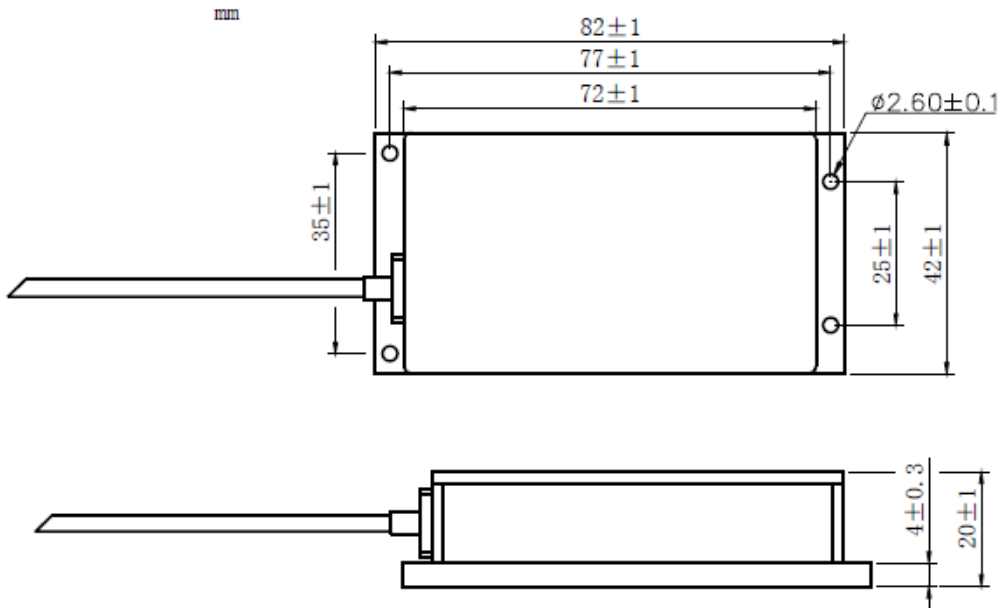
**Specifications**

**WSLX-445-010-200M-H**

	Min.	Type	Max.
Center Wavelength@25°C	445nm±15nm		
Spectral Width (FWHM)	----	6nm	----
Output Power	----	10W	----
Temperature Coefficient of Wavelength	----	0.25nm / °C	----
Threshold Current (Typ.)	----	0.3A	0.5A
Operating Current (Typ.)	----	3.0A	3.3A
Operating Voltage	----	18V	22V
Fiber Core Diameter	200um		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Connector Type	SMA905/ST/FC		
Package	P4 Package		



## P4 Package View



Wavespectrum offer **Customized** 445nm 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](mailto:info@wavespectrum-laser.com)

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

Suggest using the constant current power supply.

