

445nm&1064nm&650nm (or 635nm) Tri-Wavelength Fiber Coupled Laser Diode Module

2W@450nm&4W@1064nm&2mw@650nm | <400um Fiber Core | With PD| TEC Cooling| Aiming Beam| LD

Wavespectrum Laser Group

www.wavespectrum-laser.com

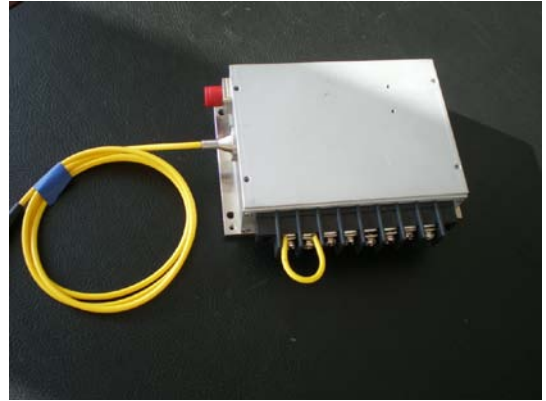
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10~+30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 445nm & 1064nm & 650nm Tri-wavelength Output
- TEC Cooling Optional
- Photodiodes Optional
- Customized Wavelength and Power Optional

Applications:

- Medical laser treatment
- Others



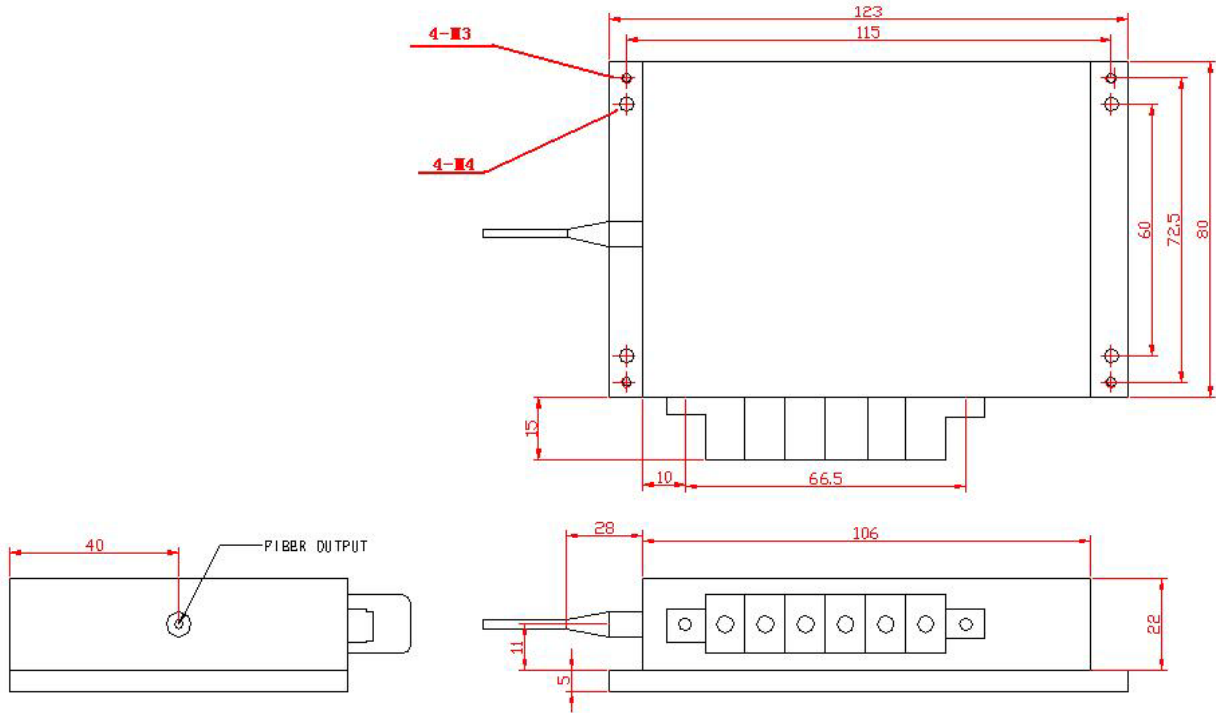
Specifications

WSLB-445/002-1064/004-H-A

	Wavelength-1	Wavelength-2
Center Wavelength	445nm	1064nm
Output Power (CW)	2W	4W
Threshold Current (Typ.)	0.3A	0.28A
Operating Current (Typ.)	1.3A	3.7A
Operating Voltage	10.0V	6.0V
Aiming Beam	2mw@650nm	
	635nm,405nm, 445nm as Aiming Beam Optional	
TEC Cooling	Optional	
Thermistor (10K)	Optional	
Photodiodes	Optional	
Fiber Core Diameter	<400um	
Stainless Steel Armored Fiber Jacket	Optional	
Fiber Length	100cm	
Connector Type	FC/SMA905	
Package	P2	



Package View



PIN	1	2	3	4	5	6
	LD1 (+)	LD1 (-)	LD2 (+)	LD2 (-)	Red (+)	Red (-)

Wavespectrum offer Customized 445nm & 1064nm & 650nm Tri-Wavelength Module.

- Customized Output Power (Such as 4W@445nm & 6W@1064nm & 2mW@650nm)
- Blue Aiming Beam Optional (Such as 2W@445nm & 4W@1064nm & 2mW@445nm)
- Built-in Photodiodes and TEC Cooler Optional
- High Power Red Laser Optional (Such as 2W@445nm & 4W@1064nm & 350mW@635nm)
- Fiber Detachable Package Optional

Contact us with info@wavespectrum-laser.com

Caution
 On operation, if optical connectors are unterminated, modules can emit invisible laser radiation. Radiation emitted by laser devices can be dangerous to the eyes. Avoided eye or skin exposure to direct or scattered radiation



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