

**808nm~810nm&976nm~980nm&635nm (or 650nm) Tri-Wavelength Fiber Coupled Laser Diode Module**  
**7W~8W@980nm&7W~8W@808nm&300mw@635nm | <400um Fiber Core | With PD| TEC Cooling**

Wavespectrum Laser Group      www.wavespectrum-laser.com

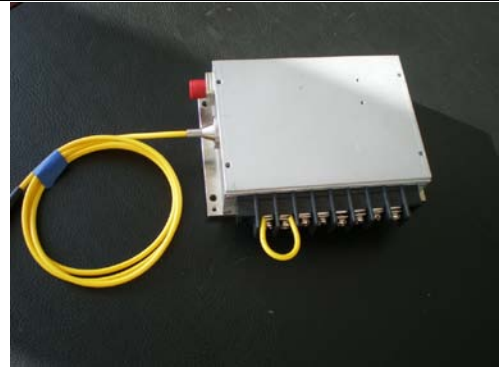
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	+10 ~ +30	°C
Storage Temperature	$T_{stg}$	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C

**Features:**

- 808nm&980nm&635nm Tri-wavelength Output
- TEC Cooling Optional
- Built-in Photodiodes Optional
- Customized Wavelength and Power Optional

**Applications:**

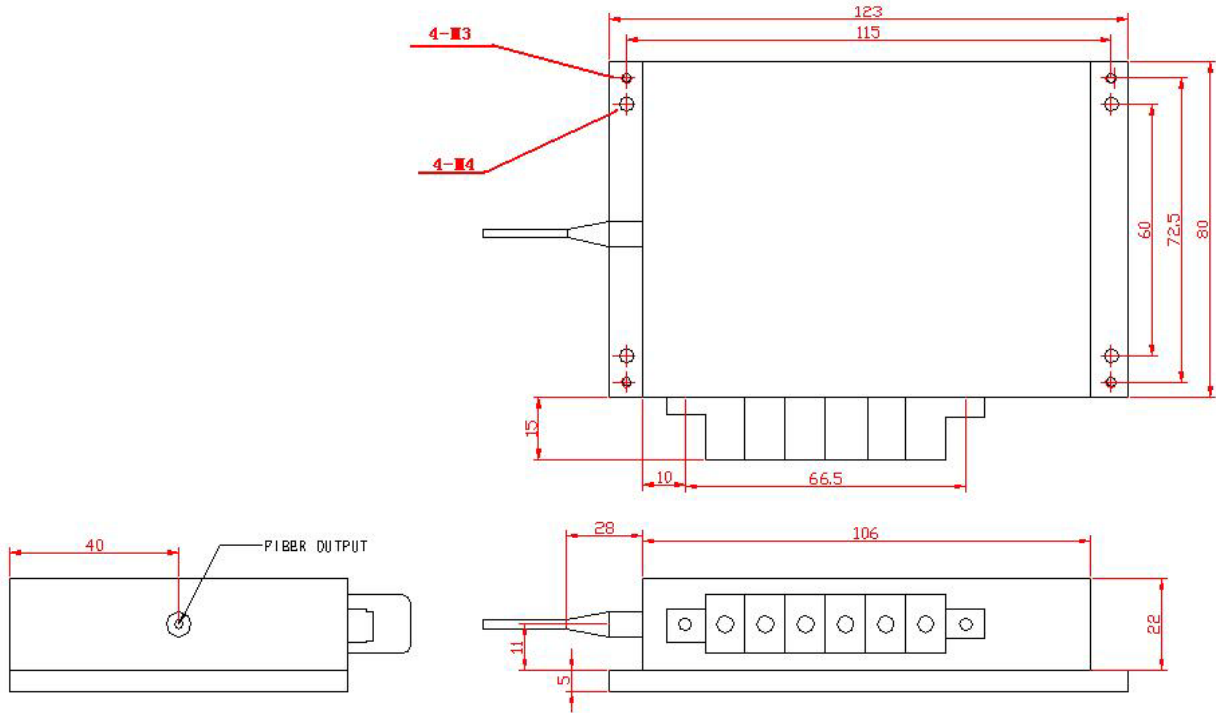
- Medical laser treatment
- Others



Specifications	WSLB-808/007-980/007-635/300m-H		
	Wavelength-1	Wavelength-2	Wavelength-3
Center Wavelength	808nm	980nm	635nm
Output Power (CW)	7W	7W	0.3W
Threshold Current (Typ.)	0.85A	0.65A	700mA
Operating Current (Typ.)	5.2A	5.5A	1.3A
Operating Voltage	4.2V	4.6V	2.3V
Recommended Operating Temperature	18°C		
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		
Other Red Operating Laser Optional	2mw, 50mw,100mw ,200mw ,350mw, 750mw@650nm		
	2mw, 50mw,150mw,300mw,700mw@635nm		



Package View



PIN	1	2	3	4	5	6
	LD1 (+)	LD1 (-)	LD2 (+)	LD2 (-)	LD3 (+)	LD3 (-)

Wavespectrum offer Customized 808nm & 980nm & 635nm Tri-Wavelength Module.

- Customized Output Power (Such as 12W@808nm & 12W@980nm & 700W@635nm)
- Blue Aiming Beam (405nm or 445nm) Optional
- Built-in Photodiodes and TEC Cooler Optional
- High Power Red Laser Optional (Such as 7W@808nm & 7W@980nm & 700W@635nm)
- Multi-Wavelength Solution Optional (Such as 808nm & 980nm & 1064nm & 635nm)
- Fiber Detachable Package Optional

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