



808nm~810nm & 650nm (or 635nm) Dual-Wavelength Fiber Coupled Laser Diode Module

15W@808 & 2mW@650nm LD | With PD | With TEC Cooling | HHL Package | <400um Fiber Core

WSLB-808-015-H-A

Wavespectrum Laser Group

www.wavespectrum-laser.com

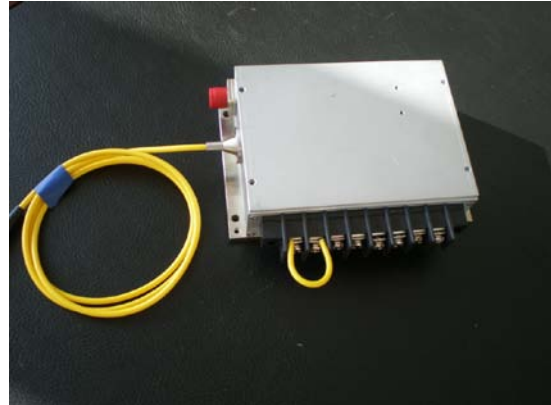
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 808nm & 650nm Dual-Wavelength Output
- TEC Cooling Optional
- Blue Aiming Beam Optional
- Customized Output Power

Applications:

- Medical laser treatment
- Others

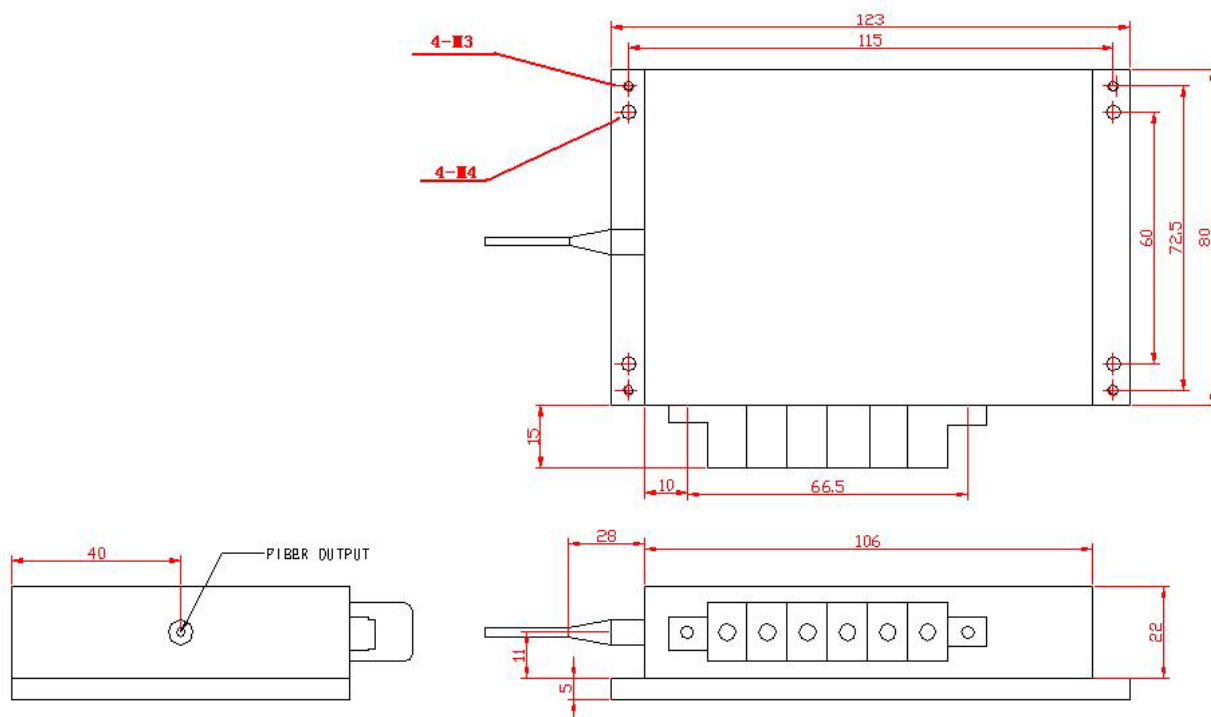


Specifications	WSLB-808-015-H-A
	Type Value
Center Wavelength@25°C	808nm
Recommended Operating Temperature	25°C
Output Power (CW)	15W
Aiming Beam	2mW@650nm
	635nm / 405nm / 445nm As Aiming Beam Optional
Threshold Current (Typ.)	0.85A
Operating Current (Typ.)	5.5A
Operating Voltage	8.5V
TEC Cooling	Optional
Thermistor (10K)	Optional
Fiber Core Diameter	<400um
Built-in Photodiodes	Optional
Stainless Steel Armored Fiber Jacket	Optional
Fiber Length	100cm
Connector Type	FC or SMA905
Package	P2

Wavespectrum Laser, Inc.
www.wavespectrum-laser.com
wavespectrumlaser@gmail.com



Package View

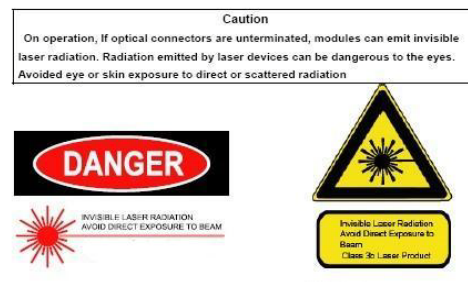


PIN	1	2	3	4	5	6
	LD (+)	LD (-)	Red (+)	Red (-)	NC	NC

Wavespectrum offer Customized 808nm & 650nm Dual-Wavelength Laser Module.

- Customized Output Power (Such as 20W@808nm & 2W@650nm)
- Blue Aiming Beam (405nm or 445nm) Optional
- Built-in Photodiodes and TEC Cooler Optional
- High Power Red Laser Optional (Such as 12W@1064nm & 300mW@635nm)
- Tri-Wavelength Solution Optional (Such as 7W@808nm & 7W@980nm & 350mw@635nm)
- Fiber Detachable Package Optional

Contact us with info@wavespectrum-laser.com



Wavespectrum Laser, Inc.
www.wavespectrum-laser.com
wavespectrumlaser@gmail.com