

830nm 12W Fiber Coupled Laser Diode (LD) Module with HHL Package | Aiming Beam Optional

820nm~830nm | 12W Output Power| HHL Package| 400um Fiber Core| High Power LD

WSLB-830-012-H

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:

- 830nm
- 12W Output Power
- Red Aiming Beam Optional
- Stainless Steel Armor Optional
- Long Lifetime

Applications:

- Medical Laser Treatment
- Others

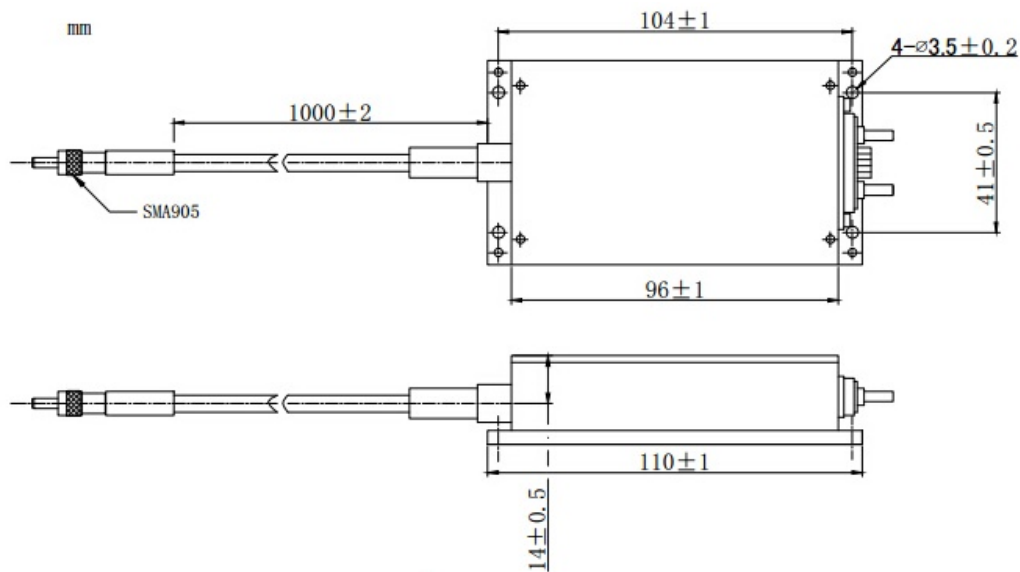


Specifications	WSLB-830-012-H		
	Min.	Type	Max.
Center Wavelength@25°C	± 5nm	830nm	± 10nm
Spectral Width (FWHM)	----	6nm	----
Output Power	----	12W	----
Temperature Coefficient of Wavelength	----	0.3nm / °C	----
Threshold Current (Typ.)	----	330mA	----
Operating Current (Typ.)	----	3.5A	----
Operating Voltage	---	8V	---
Recommend Operating Temp.	25°C		
Fiber Core Diameter	<400um		
Fiber Numerical Aperture	0.22		
Fiber Length	100cm		
Connector Type	SMA905 / ST / FC		
Package	P1 Package		
Aiming Beam	Red (Blue , Green) Optional		
Life Time	>10,000 hours		

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Package View



Wavespectrum offer **Customized** 830nm 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

Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.

