



1064nm 3W~4W Fiber Coupled Laser Diode with 9-PIN HHL Package | TEC Cooling | PD Optional

1060nm~1064nm|4W Output Power |Aiming Beam | 105um 200um 400um 600um MM Fiber | High Power LD

WSLX-1064-004-H-T

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:

- 1064nm
- 9-pin HHL Package
- Built-in TEC Cooling
- PD Optional
- Aiming Beam Optional

Applications:

- Medical laser treatment
- Printing
- Others



Specifications

WSLX-1064-004-H-T

	Min	Type	Max
Center Wavelength@25°C	±5nm	1064	±15nm
Spectral Width (FWHM)		3nm	6nm
Output Power	----	3.5W	4W
Temperature Coefficient of Wavelength	0.3nm / °C		
Threshold Current (Typ.)	500mA		
Operating Current (Typ.)	6.5A		
Operating Voltage	2.0V		
Recommended Case Temperature	25°C		
TEC Max. Current	4A		
TEC Max. Voltage	9.8V		
Fiber Core Diameter	200um (105um 400um Optional)		
N.A.	0.22N.A. (0.37 N.A. Optional)		
Package	9- PIN HHL		
Fiber Length	80cm		
Connector Type	SMA905/ST/FC		

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



