

## T66H-P1 Series 660nm Fiber Coupled Laser Diodes, 160mW-200mW

With MM Fiber and Multimode Beam

### Features

- 660nm laser diode
- Uncooled fiber-coupled CW module
- Multimode fiber output

### Applications

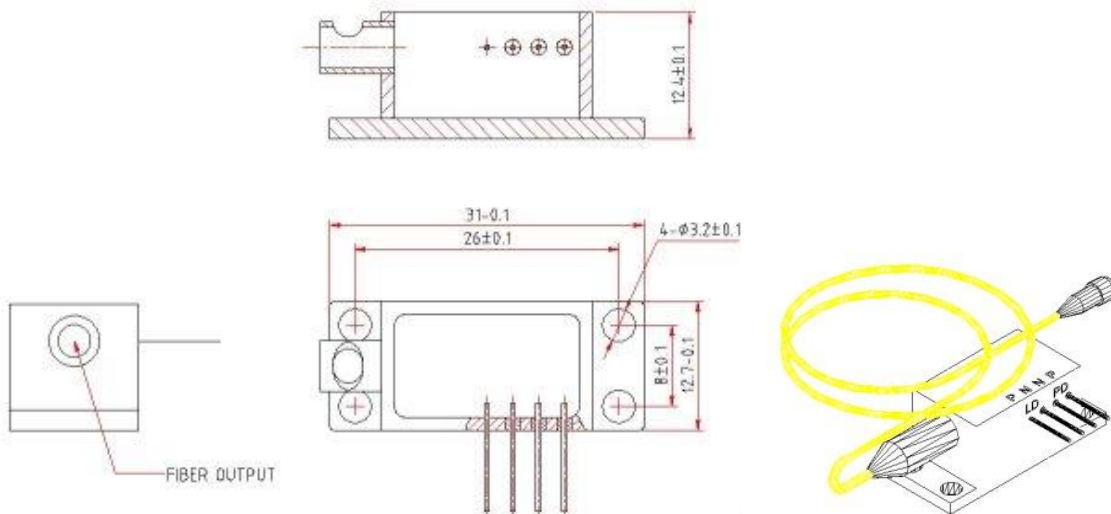
- Laser pumping
- Medical usage
- Printing
- Marking



### Specifications (25°C)

Model Number	T66H-P1-X160	T66H-P1-X200
<b>Optical Specifications</b>		
CW Output Power from Fiber	160mW	200mW
Central Wavelength	650 - 670nm	
Spectral Width	<4nm	
Wavelength Temperature Coefficient	0.3nm/°C	
<b>Fiber Characteristics</b>		
Fiber Core Size	50µm	100µm
N.A.	0.22	
Fiber Length	1m	
Connector	FC (X=FC); ST (X=ST); SMA-905 (X=SMA)	
<b>Electrical Characteristics</b>		
Slope Efficiency	>0.6W/A	
Threshold Current	450mA	
Operating Current	770mA	850mA
Operating Voltage	<2.5V	
Series Resistance	<0.3Ω	
<b>Absolute Maximum Ratings</b>		
Optical Output Power	160mW	200mW
Operating Temperature	-10 to 40 °C	
Storage Temperature	-40 to 85 °C	

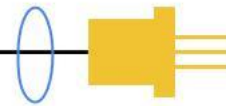
### Mechanical Outline (unit: mm)



**Lasermate Group, Inc.**

19608 Camino De Rosa, Walnut, CA 91789, USA

Tel: (909)718-0999 | Fax: (909)718-0998 | E-mail: info@lasermate.com | URL: <http://www.lasermate.com>



## Ordering Information

Part Number	Wavelength	Output Power	Operating Current	Fiber Core Size	Connector
T66H-P1-FC160	660nm	160mW	770mA	50um	FC
T66H-P1-ST160	660nm	160mW	770mA	50um	ST
T66H-P1-SMA160	660nm	160mW	770mA	50um	SMA905
T66H-P1-FC200	660nm	200mW	850mA	100um	FC
T66H-P1-ST200	660nm	200mW	850mA	100um	ST
T66H-P1-SMA200	660nm	200mW	850mA	100um	SMA905

## Additional Notes

- The laser diodes are designated solely as OEM components for incorporation into the customer's end products. Therefore, it is the customer's responsibility to comply with the appropriate requirements of FDA 21CFR, section 1040.10 and 1040.11 for complete laser products. For the code of FDA regulations, please refer to [FDA Performance Standards for Light-Emitting Products](#) for detailed information.
- Specifications are subject to change without notice.