


**633nm~635nm 50mW PM Fiber Coupled Laser Diode with Coaxial Package | Red Laser Diode**  
**633nm 50mW Coaxial Pigtailed LD with Polarization Maintaining Fiber (SM Fiber)**

WSLP-633-050m-PM

Wavespectrum Laser Group

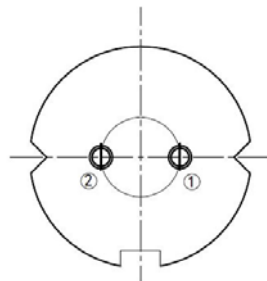
www.wavespectrum-laser.com

633nm Pigtailed Diode Laser		50mW/PM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	$V_r$	2.0		V	
Operating Temperature	$T_{op}$	-10~+20		°C	
Storage Temperature	$T_{stg}$	-40~+85		°C	
Lead soldering temperature (10 sec.)	$T_{is}$	260		°C	
<b>Features:</b> <ul style="list-style-type: none"> <li>● 633nm</li> <li>● PM Fiber</li> <li>● High Reliability</li> <li>● High Polarization Extinction Ratio</li> </ul>					
<b>Applications:</b> <ul style="list-style-type: none"> <li>● Biological Instruments</li> <li>● Analytical Equipment</li> <li>● Others</li> </ul>					
<b>Specifications</b>	<b>WSLP-633-050m-PM</b>				
	Min	Type	Max		
Center Wavelength@18°C		633nm±5nm			
Recommended work Temperature	≤18°C				
Output Power	----	50mW	----		
Fiber Type	Polarization Maintaining Fiber				
Fiber Core	4um				
Polarization Extinction Ratio	13dB	15dB	----		
Monitor Current	----	----	----		
Fiber Connector	FC/APC				
Fiber Length	>80cm				
Threshold Current	----	60mA	95mA		
Operating Current	----	200mA	220mA		
Operating Voltage	----	2.7V	3.2V		
Package Style	Coaxial or B82				
High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.					



**Coaxial Package View: (Part Number: WSLP-633-050m-PM)**

**B82 Package View: (Part Number: WSLP-633-050m-PM-B)**

**PIN Bottom View:**


1	LD(+)
2	LD(-)



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

