

820nm~830nm 100mW PM Fiber Coupled Laser Diode with Coaxial Package | Infrared LD
830nm 100mW High Power Coaxial Pigtailed LD with Polarization Maintaining Fiber (SM Fiber)
WSLP-830-100m-PM-PD **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

830nm Pigtailed Diode Laser		100mW/PM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-10 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 830nm PM Fiber High Reliability High Polarization Extinction Ratio					
Applications: Biological Instruments Analytical Equipment Others					
Specifications		WSLP-830-100m-PM-PD			
	Min	Type		Max	
Center Wavelength@25℃		830nm±15nm			
Recommended work Temperature		25℃			
Output Power		----	100mW	----	
Fiber Type		Polarization Maintaining Fiber			
Fiber Core		5um			
Polarization Extinction Ratio		13dB	15dB	----	
Monitor Current		----	0.3mA	----	
Fiber Connector		FC/APC			
Fiber Length		>80cm			
Threshold Current (Typ.)		----	35mA	65mA	
Operating Current (Typ.)		----	270mA	300mA	
Operating Voltage		----	2.6V	3.0V	
Package Style		Coaxial or B82			
High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.					



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

