

1550nm 2mw SM FP Coaxial Pigtailed Laser Diode with 9um SM Fiber

1550nm Fiber Coupled LD with Single Mode Fiber (SMF)

WSLP-1550-002m-9-FP

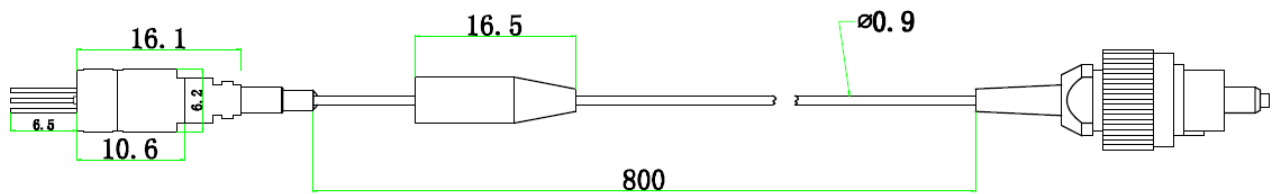
Wavespectrum laser Group

www.wavespectrum-laser.com

PARAMETER	SYMBOL	VALUE	UNIT	
LD Reverse Voltage	V_r	2.0	V	
PD Operating Current	$I_{f(PD)}$	2.0	mA	
PD Reverse Voltage	$V_{r(PD)}$	15	V	
Operating Temperature	T_{op}	-40 ~ +85	°C	
Storage Temperature	T_{stg}	-40 ~ +100	°C	
Lead soldering temperature (10 sec.)	T_{is}	260	°C	
Features: 1550nm - FP Laser Diode - Built-in Photodiodes 9um SM Fiber - Isolation Optional - Receptacle Package Optional				
Applications: - Test Equipments - Optical Transmitter of Analog Signal - Optical Transmitter of Data Signal - Others				
Specifications		WSLP-1550-002m-9-FP		
		Min	Type	Max
Center Wavelength@25°C		1530nm	1550nm	1570nm
Laser Type		FP		
Output Power		----	2mw	----
Fiber Core		9um		
Threshold Current (Typ.) Ith		5mA	----	15mA
Operating Current		----	25mA	----
Forward Voltage			1.1V	1.6V
Monitor Current		0.1mA	----	----
PD Capacitance		----	10pF	15pF
PD Dark Current		----	----	0.1uA
Side Mode Suppression Ration		30dB	35dB	----
Built-in Isolator		Optional		
Connector Pin		A-type (B-type Optional)		
Fiber Connector		FC (SC/ST/LC Optional)		
Package		Coaxial (Receptacle Optional)		

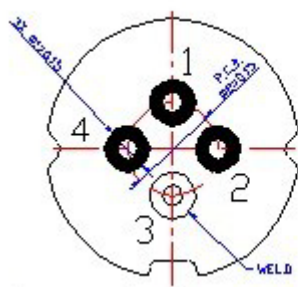


Coaxial Package View



单位: mm

Bottom View



TYPE A
PIN ASSIGNMENT:

1	PD Cathode
2	PD Anode
3	LD Anode, GND
4	LD Cathode

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



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