


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

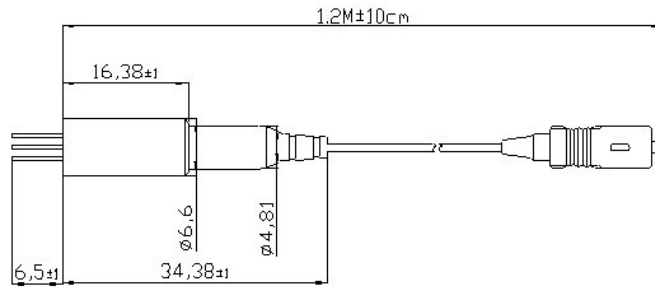
Wavespectrum laser Group

www.wavespectrum-laser.com

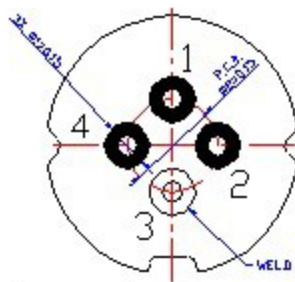
PARAMETER	SYMBOL	VALUE	UNIT
LD Reverse Voltage	V_r	2.0	V
PD Operating Current	$I_{r(PD)}$	2.0	mA
PD Reverse Voltage	$V_{r(PD)}$	15	V
Operating Temperature	T_{op}	-10 ~ +85	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: <ul style="list-style-type: none"> • 1550nm • FP Laser Diode • Built-in Photodiodes • 9um SM Fiber • Isolation Optional • Coaxial or Receptacle Package Optional 			
Applications: <ul style="list-style-type: none"> • Test Equipments • Optical Transmitter of Analog Signal • Optical Transmitter of Data Signal • Others 			
Specifications		WSLP-1550-002m-9-FP	
		Min	Type
Center Wavelength@25°C		1530nm	1550nm
			Max
Center Wavelength@25°C			1570nm
Laser Type		FP	
Output Power		----	2mw
Fiber Core		9um	
Threshold Current (Typ.) I_{th}		5mA	15mA
Operating Current		----	25mA
Forward Voltage			1.1V
Monitor Current		0.1mA	1.6V
PD Capacitance		----	10pF
PD Dark Current		----	15pF
Side Mode Suppression Ration		30dB	0.1uA
		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



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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