


840nm~850nm 10mw Coaxial Pigtailed Laser Diode with 9um SM Fiber | With Photodiode

850nm Fiber Coupled LD with 9um SM Fiber | Built-in PD

WSLP-850-010m-9-PD

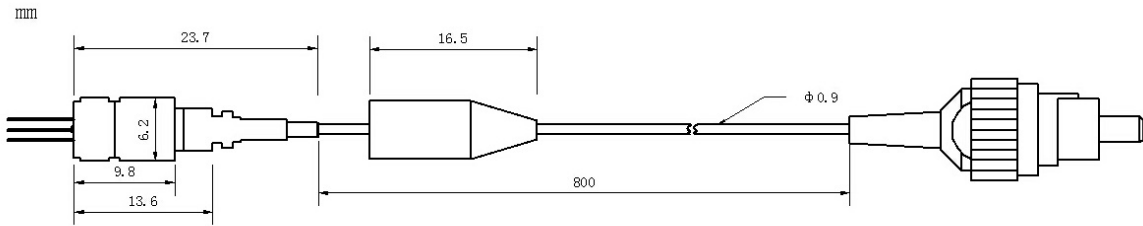
Wavespectrum Laser Group

www.wavespectrum-laser.com

850nm Pigtailed Diode Laser		10mW/SM Fiber		Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	V_r	2.0		V	
Operating Temperature	T_{op}	-10~+50		°C	
Storage Temperature	T_{stg}	-40~+85		°C	
Lead soldering temperature (5 sec.)	T_{is}	250		°C	
Features: <ul style="list-style-type: none"> ● 850nm ● With 9um Fiber ● Coaxial Package ● Built-in PD 					
Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Sensor ● Others 					
Specifications	WSLP-850-010m-9-PD				
	Min	Type	Max		
Center Wavelength@25°C	840nm	850nm	860nm		
Recommend Operating Temperature	25°C				
Output Power	----	10mW	----		
Fiber Type	SMF-28 Fiber				
Fiber Core	9um				
Monitor Current	----	0.15mA	0.5mA		
PD Reverse Voltage	----	30V	----		
Fiber Connector	FC				
Fiber Length	----	80cm	100cm		
Threshold Current (Typ.)	----	15mA	20mA		
Operating Current (Typ.)	----	60mA	80mA		
Operating Voltage	----	2.1V	2.4V		
Package Style	Coaxial				
Photodiodes	Built-in				



Coaxial Package View



PIN Bottom View:



1	LD(-)
2	LD(+)&PD(-)
3	PD(+)

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



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