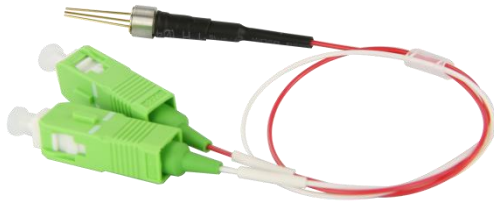


PWDM Photodetector Module



Performance Characteristics

- ◆ Low Insertion loss, Low return loss
- ◆ High Channel Separation
- ◆ High Stability and Reliability
- ◆ No Plastic Optical Path

Applications

- ◆ Light circuit terminal, Optical network unit
- ◆ Optical transceiver, FTTH
- ◆ WDM systems
- ◆ Cable TV systems

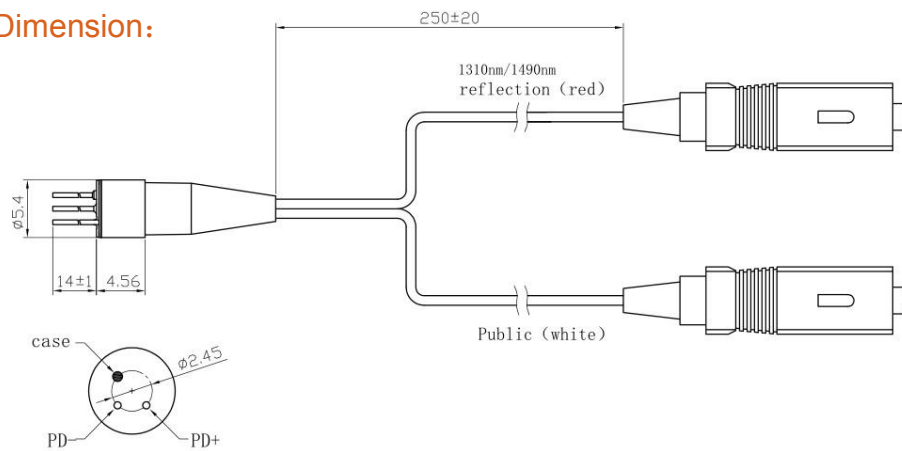
Optical and Electrical Characteristic (T=25°C)

Parameter		Symbol	Unit	Min	Typ	Max	Test Condition
Pass Channel Wavelength Range		λ	nm	1539	1550	1565	-
Reflect Channel Wavelength		λ	nm	1260	1310	1360	
				1480	1490	1500	
Responsivity		R	A/W	0.85			V _r =5V, λ 1550nm
Isolation	Pass Channel	Iso	dB	35			λ =1310nm, λ =1490nm
	Reflect Channel			20			λ =1550nm
Polarization dependent loss	Pass Channel	PDL	dB				
	Reflect Channel						
Directivity		D	dB	50			
Return Loss		RL	dB	-45			
Insert Loss	Pass Channel	IL	dB				
	Reflect Channel		dB				

■ Absolute Maximum Ratings($T_c=25^{\circ}\text{C}$)

Parameter	Symbol	Unit	Min	Max
Saturation	P_s	mW		5
Forward current	I_f	mA	-	10
Reverse voltage	V_r	V		30
Reverse current	I_r	mA		5
Operating Temperature	T_{op}	$^{\circ}\text{C}$		$-40\sim+85$
Storage temperature	T_{stg}	$^{\circ}\text{C}$		$-40\sim+85$

■ Dimension:



■ Order Information

WSPW-X-XX-X-XX-X-XX

XX	X	X	X	XX	XX
Active area	Com Connector	Reflect Connector	Reverse Voltage	Fiber Length	Others
01:50um	1:SC/PC	1:SC/PC		50:50cm	
02:60um	2:SC/APC	2:SC/APC	0:0V	60:60cm	
03:70um	3:FC/PC	3:FC/PC	5:5V		
04:75um	4:FC/APC	4:FC/APC		etc	
05:80um					

Such as WSPW-03-2-2-5:WS :WSEE;PW:PWDM ; 03:70um;2:SC/APC;2:SC/APC; 5:5 V

■ Package Dimension



400pcs

Note: The specific packing box size is determined according to the quantity ordered by the customer.

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