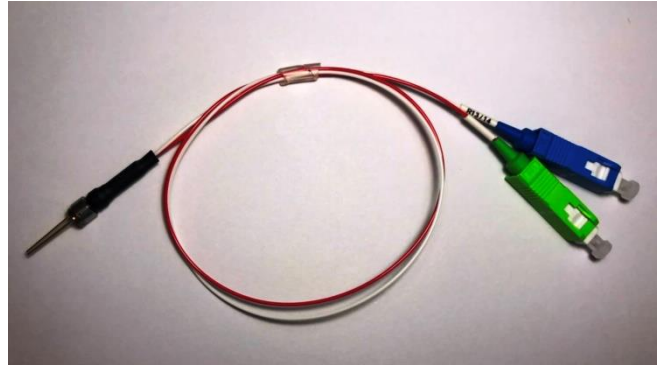

PWDM Module

Feature

High responsivity,Low return loss
Low dark current,Low capacitance
High Channel Sparation

Application

Analog Optical Receiver
Test Equipment
Cable TV systems



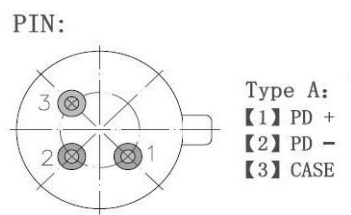
Absolute Maximum Ratings

Parameter	Symb ol	Min.	Typ.	Max.	Unit	Notes
Forward Current	If	—	—	10	mA	
Reverse Voltage	Vr	—	—	30	V	
Saturation Power	Ps	—	—	5	mW	
Reverse Current	Ir	—	—	5	mA	
Operating Temperature	Tc	-40	—	85	℃	
Storage Temperature	Tstg	-40	—	85	℃	

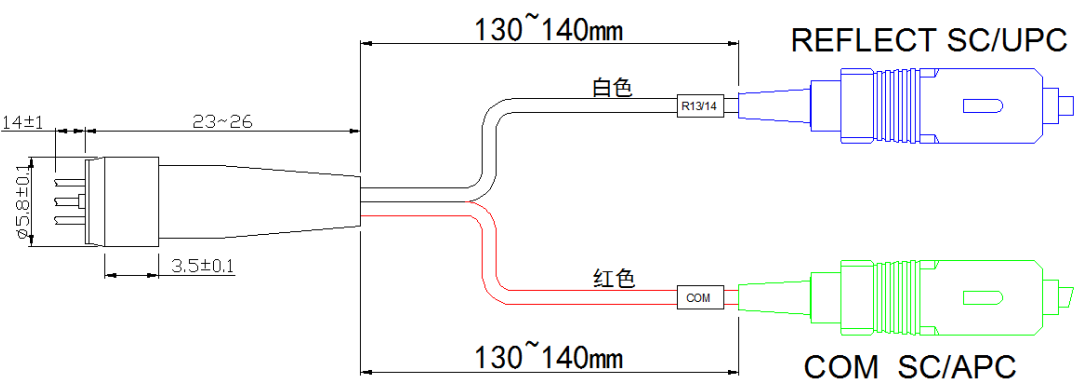
Electro-Optical Characteristics

Parameter	Symbo l	Test condition	Min.	Typ.	Max.	Unit
Responsivity	R	$\lambda=1550\text{nm}$	0.90	—	—	A/W
Pass channel wavelength range	λ		1539	1550	1565	nm
Reflect channel wavelength	λ		1260	1310	1360	nm
			1480	1490	1500	nm
PDL	PDL		—	—	0.05	dB
Pass Isolation	Iso		30	—	—	dB
Reflect Isolation			18	—	—	dB
Return Loss	RL		—	—	-40	dB
Pass insert loss	IL		—	—	0.7	dB
Reflect insert loss			—	—	0.7	dB

Pin Assignment



Package Series



Order Information

SPPW-XX-XX-X-X-X-X

PW	XX	XX	X	X	X	X
	Com. port	TX port	Active area	PIN Layout	wavelength	Fiber length
PWDM	SA:SC/APC	SU:SC/UPC	7:70um	A:A type	5:T1550-R1310/1490	1:160-180mm 2:130~140mm 3:170~190mm