

Polarization Maintaining Optical Switch (1x1, 1x2)

Features:
Low Insertion Loss、 High crosstalk Compact package
Application:
Cofiguratable OADM Optical Cross and connection system Network Monitor Optical fiber ring protection

Specifications:

Parameter	Value		
Type	1x1, 1x2		
Wavelength (nm)	1310±30 or 1550±30	1310±30 &1550±30	1064±30
Insertion Loss (dB)	≤0.50 (Typ 0.4)	≤0.70 (Typ 0.5)	≤0.80 (Typ 0.6)
Extinction Ratio (dB)	18		16
Cross Talk (dB)	≥55		
Return Loss (dB)	≥55		
Repeatability (dB)	≤±0.05		
Switch Time (ms)	10		
Lifetime (cycle)	>1,000,000		
Switch mode	Latching or Non-latching		
Operating Temperature (°C)	-15 ~ +70		
Storage Temperature (°C)	-40 ~ +85		
Drive Voltage (V)	5 ±0.5 DC or 5V Pulse		
Work Current (mA)	< 50		
Fiber Type	1310 or 1550nm PM panda fiber	980nm PM panda fiber	
Dimension (LxMxH) (mm)	(L)26.5×(W)13.4×(H)11 (P2)		

*Above specifications are for devices without the connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, and ER will be 2dB lower.

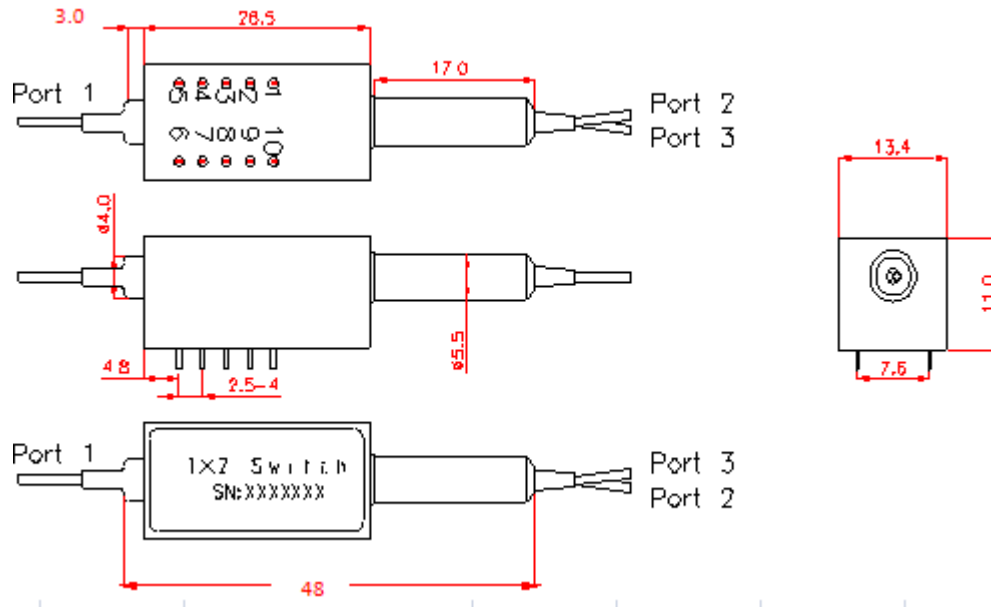
*The PM fiber and the connector key are aligned to the slow axis.

Electrical Drive:

Optical Path	Electrical Drive		Status Sensor					
	Pin1	Pin10	Pin5	Pin6	Pin2-3	Pin3-4	Pin7-8	Pin8-9
1-2	+V Pulse	GND	N/A	N/A	open	close	close	open
1-3	GND	+V Pulse	N/A	N/A	close	open	open	close

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Package Dimension:



Ordering Information:

PMSW	Wavelength	Type	0	Mode	Fiber Type	Pigtail Type	Length	Connector
	1064=1064nm	1=1x1		L=Latching	1=PM1310	1=250um	H=0.5m	0=None
	1310=1310nm	2=1X2		N=Non-Latching	2=PM1550	bare fiber	8=0.8m	1=FC/UPC
	1550=1550nm				3=PM1064	2=900um	1=1.0m	2=FC/APC
	1315=1310&1550nm					loose tube	5=1.5m	3=SC/APC
						3=3mm	2=2.0m	4=SC/UPC
						loose tube	3=3.0m	5=MU
						4=2mm	4=4.0m	6=LC/UPC
						loose tube	A=2.5m	7=LC/APC
						S=Specify	B=5.0m	S=Specify
							S=Specify	