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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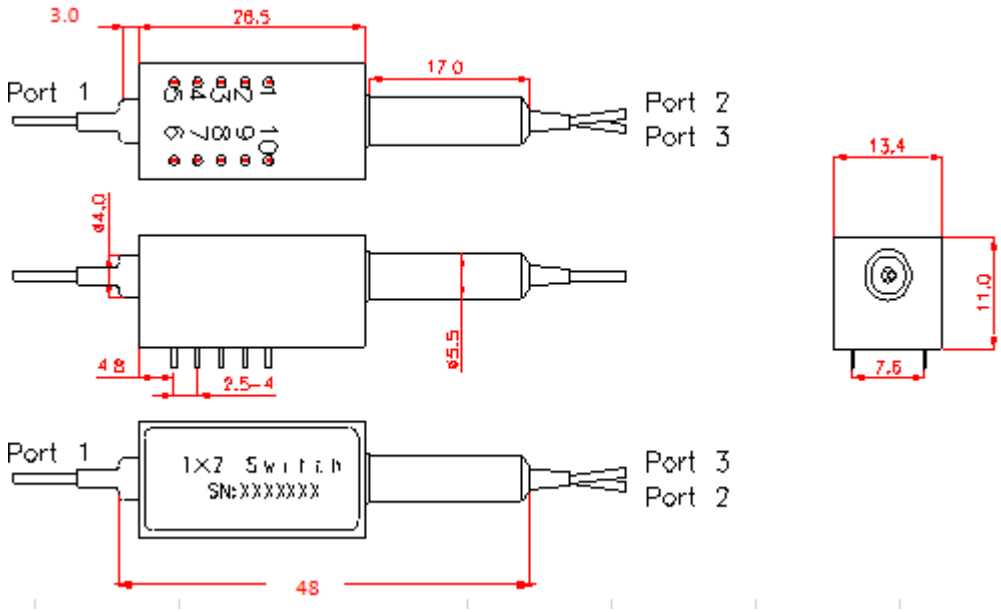
Package Dimension:



Ordering Information:

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