

## 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 or 1550	1064
Operating bandwidth (nm)	±15	
Insertion Loss (dB)	≤0.5(Typ 0.4)	≤0.7(Typ 0.5)
PDL (dB)	≤0.05	
Cross Talk (dB)	≥55	≥50
Return Loss (dB)	≥55	≥50
Power handling (mW)	≤300	
Repeatability (dB)	≤±0.05	
Switch Time (ms)	10	
Lifetime (cycle)	>1,000,000	
Switch mode	Latching or Non-latching	
Operating Temperature ( °C)	-5 ~ +70	
Storage Temperature ( °C)	-40 ~ +85	
Drive Voltage (V)	5 ±0.5 DC or 5V Pulse	
Work Current (mA)	< 50	
Fiber Type	SMF-28e	HI1060
Fiber length (m)	Read order information	
Dimension (LxMxH) (mm)	(L)26.5×(W)13.4×(H)11	

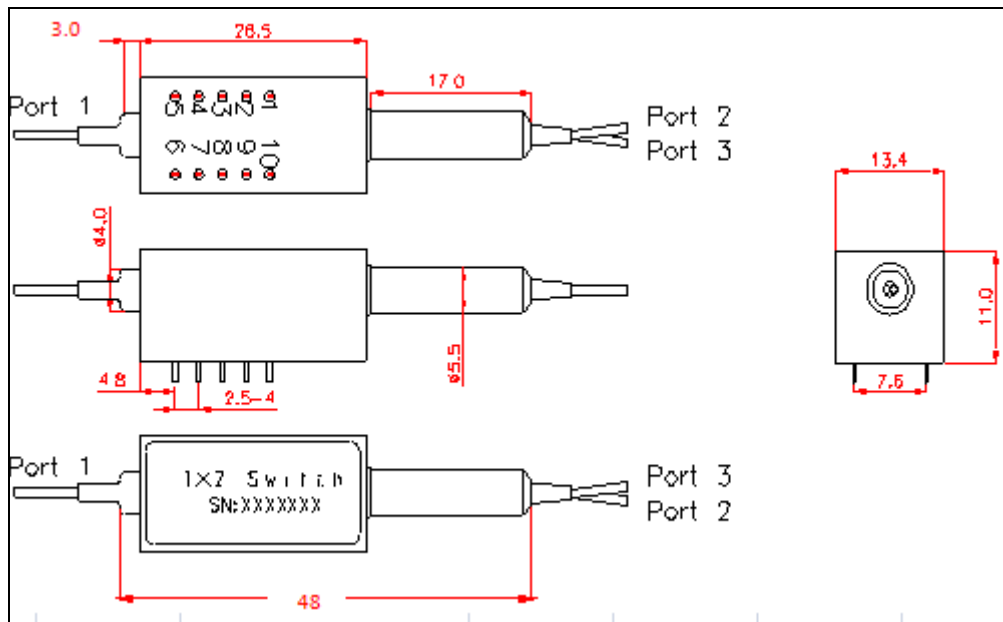
\*Above specifications are for devices without the connectors.

\*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower

### 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

Package Dimension



Ordering Information

OSW	Wavelength	Type	00	Mode	Fiber Type	Pigtail Type	Length	Connector
	1064=1064nm 1310=1310nm 1550=1550nm	1=1x1 2=1X2		L=Latching N=Non-Latching	1=SMF-28e 2=HI1060	1=250um bare fiber 2=900um loose tube	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	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC