

## Optical Switch ( 1x1,1x2 )

<b>Features</b>	
Low Insertion Loss High crosstalk Compact package	
<b>Application</b>	
OXC, OLP, ROADM Wavelength switch of testing system Channel switch of optic sensor system	

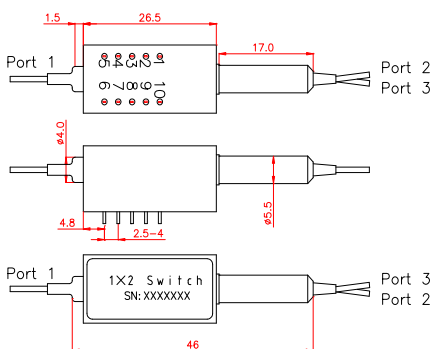
### Specifications

Parameter	Value	
Port Type	1x1, 1x2	
Wavelength (nm)	1310 or 1550	1310/1550
Insertion Loss (dB)	≤0.5(Typ 0.4)	≤0.7(Typ 0.5)
Cross Talk (dB)	≥55	≥55
Return Loss (dB)	≥55	≥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	SMF-28e	
Dimension (LxMxH) (mm)	(L)26.5x(W)13.4x(H)11	

### 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	Type	Wavelength	Mode	Pigtail Type	Fiber Type	Length	Connector
	1x1 1x2	85=850nm 13=1310nm 15=1550nm 1315=1310/1550	L=Latching N=Non-Latching	250=250um bare fiber 900=900um loose tube	1=SMF-28e 2=50/125 3=62.5/125	1= 1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC XX=Other