

## Optical Switch

### Features:

Low Insertion Loss &  
High Stability and Reliability

### Application:

Fiber Sensing  
Testing

### Specifications:

Parameter	Value						
Type	1×2						
Wavelength (nm)	1550	1310	1064	980	850	780	1950
Bandwidth	+/-50	+/-50	+/-30	+/-20	+/-20	+/-20	+/-50
Insertion Loss (dB)	≤0.6	≤0.6	≤0.8	≤0.8	≤0.9	≤1.0	≤0.9
Cross Talk (dB)	≥55						
Return Loss (dB)	≥55						
Repeatability (dB)	≤±0.05						
PDL(dB)	≤0.1						
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	SMF-28e	HI1060	HI1060	HI780	HI780	SMF-28e
Dimension (LxMxH) (mm)	(L)26.5×(W)13.4×(H)11						

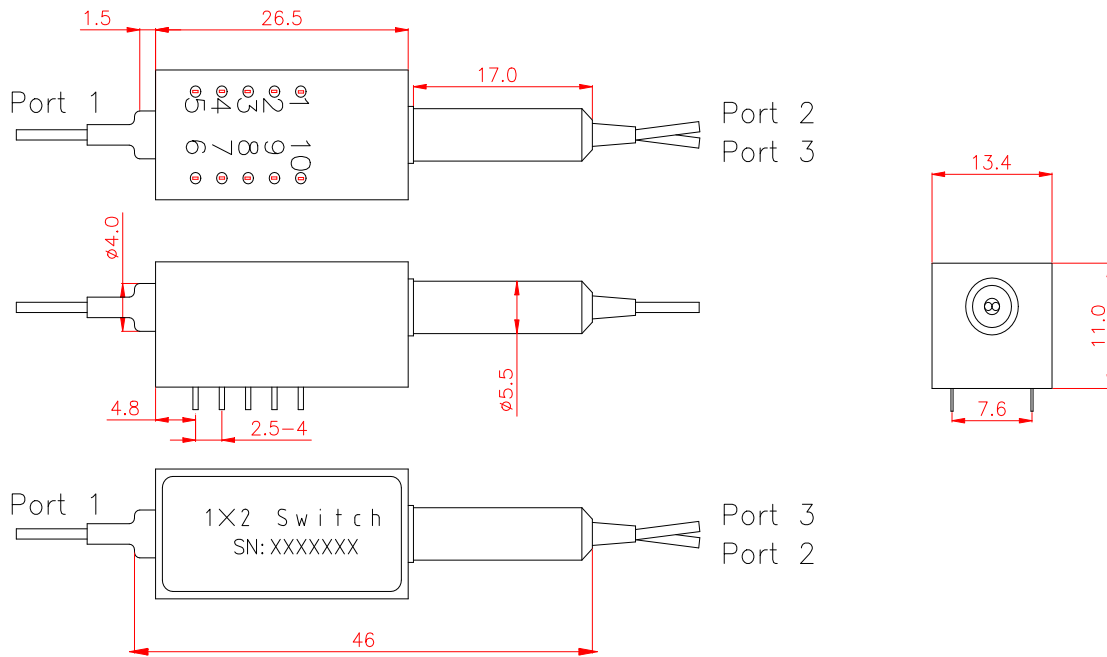
\*Above specifications are for devices without the connectors.

\*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	Pigtail Type	Length	Connector
	1310=1310nm 1550=1550nm 1064=1064nm 0980=980nm 0850=850nm 0780=780nm 1950=1950nm	2=1x2		L=Latching N=Non-Latching	2=900um loose tube	H=0.5m 7=0.7m 1=1m	0=None 1=FC/UPC 2=FC/APC