

## Optical Switch ( 1x1,1x2 )

### Product Features

- Low Insertion Loss
- High crosstalk
- Compact package

### Product Applications

- Configurable OADM
- Optical Cross and connection system
- Network Monitor

### Specifications

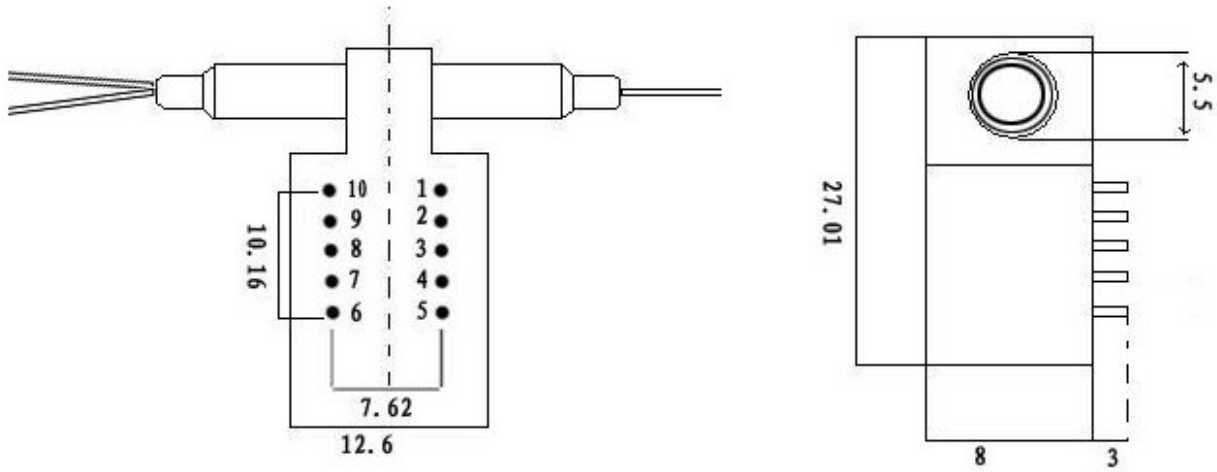
Parameter	Unit	Value	
Type	nm	1x1, 1x2	
Wavelength	nm	1310 or 1550	1310/1550
Insertion Loss	dB	≤0.6(Typ 0.5)	≤0.7(Typ 0.6)
Cross Talk	dB	≥55	≥55
Return Loss	dB	≥55	≥55
Repeatability	dB	≤±0.05	
Switch Time	ms	10	
Lifetime	cycle	>1,000,000	
Switch mode		Latching or Non-latching	
Operating Temperature	°C	-15 ~ +70	
Storage Temperature	°C	-40 ~ +85	
Drive Voltage	V	5 ±0.5 DC or 5V Pulse	
Work Current	mA	<50	
Fiber Type		See order information	
Fiber length	m	1	
Dimension (LxMxH)	mm	(L)27.0×(W)12.6×(H)8.5	

\* Output connector can be made on customer's request.

### 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

OS W	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 LC=LC/UPC XX=Other