

### Mini Optical Switch (1x1,1x2,2x2, 2x2B)

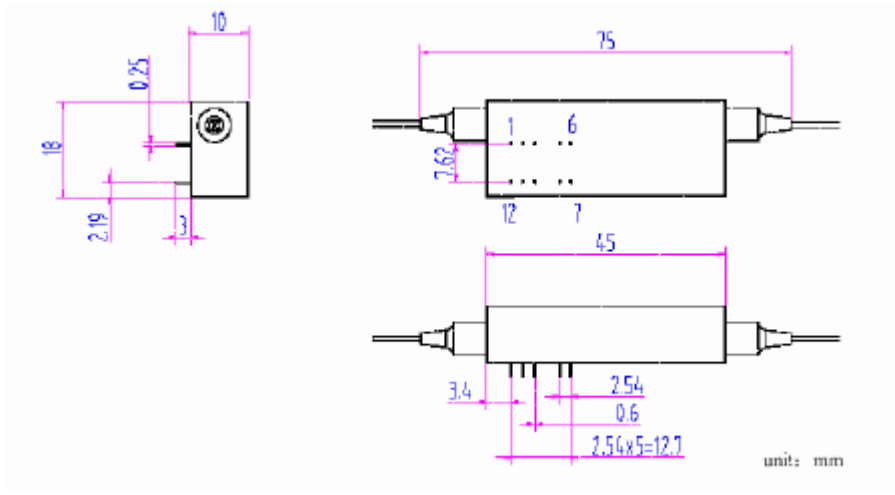
<b>Features</b>	
Low Insertion Loss High crosstalk Compact package	
<b>Application</b>	
Cofiguratable OADM Optical Cross and connection system Network Monitor Optical fiber ring protection	

#### Specifications

Parameter	Value		
Type	1x1, 1x2, 2x2, 2x2B		
Wavelength (nm)	1310 or 1550	1310/1550	850 or 1310 Multimode
Insertion Loss (dB)	≤0.8(Typ 0.5)	≤1.0(Typ 0.7)	≤0.8(Typ 0.5)
Cross Talk (dB)	≥55	≥55	≥30
Return Loss (dB)	≥45	≥45	≥25
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		50/125 or 62.5/125 MM
Fiber length (m)	1		
Dimension (LxMxH) (mm)	45x18x10		

	Light PIN						Drive PIN				Monitor Pin	
	1x1	1x2	2x2		2x2B		1	12	2	11	3-5, 10-8	3-6,10-7
Latching	1-2	1-2	1-2	3-4	1-2	3-4	GND	+5 VDC			Open	Close
		1-3	1-3	2-4	1-3				GND	+5 VDC	Close	Open
Non-Latching	1-2	1-2	1-2	3-4	1-2	3-4	GND	+5VDC			Open	Close
		1-3	1-3	2-4	1-3		GND	GND			Close	Open

**Package Dimension**



**Ordering Information**

OSW	Type	Wavelength	Mode	Pigtail Type	Fiber Type	Length	Connector
	1x1	85=850nm	L=Latching	250=250um	1=SMF-28e	1= 1m	NE=None
	1x2	13=1310nm	N=Non-Latching	bare fiber	2=50/125		FA=FC/APC
	2x2	15=1550nm		900=900um	3=62.5/125		FC=FC/UPC
	2x2B	1315=1310/1550		loose tube			SA=SC/APC
							SC=SC/UPC
							LC=LC/UPC
							XX=Other