

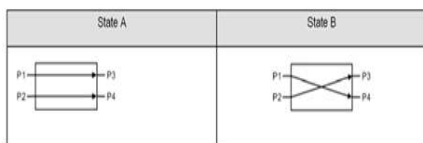
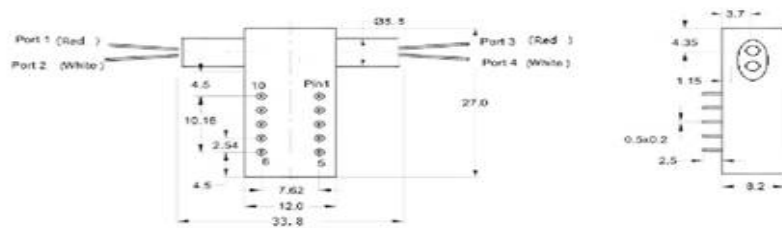
## Mechanical Fiber Optic Switch 2 x 2

### Specifications

2x2 Mechanical optic Switch	Value
Wavelength (nm)	1260~1620
Insertion Loss (dB)	<1.0
Wavelength Dependent Loss (dB)	<0.2
Temperature Dependent Loss (dB)	<0.2
Polarization Dependent Loss (dB)	<0.05
Return Loss (dB)	>55
Cross Talk (dB)	>55
Switching Time (ms)	<8
Repeatability (dB)	<±0.02
Durability (Cycles)	>10 Million
Operating Optical Power (mW)	<500
Operating Voltage (V)	3~5
Switch Type	Non-Latching/Latching
Operating Temperature (°C)	0~70
Storage Temperature (°C)	-40~85
Fiber Type	G657A1 SMF-28e
Package Dimension (mm)	(L)27.0×(W)12.0×(H)8.2

- Also work by-pass type Switch

### Mechanical Dimensions (unit:mm)



### Electrical Drive(non-latching normally off)

Type	Optical Route	Electric Drive				Statue Sensor			
		Pin1	Pin5	Pin6	Pin10	Pin2-3	Pin3-4	Pin7-8	Pin8-9
2x2F	P1-P3 P2-P4	--	--	--	--	Close	Open	Open	Close
Latching	P1-P4-P2-P3	V+	--	--	GND	Open	Close	Close	Open
	P1-P3 P2-P4	--	--	GND	V+	Close	Open	Open	Close
Non-latching	P1-P4-P2-P3	V+	GND	--	--	Open	Close	Close	Open

### Ordering Information

OSW	Type	Wavelength	Mode	Pigtail Type	Fiber Type	Length	Connector
	F22=F ull 2x2	13=1310nm 15=1550nm 1315=1310/1550	L=Latching N=Non-Latching	0=250um bare fiber 1=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 XX=Other