

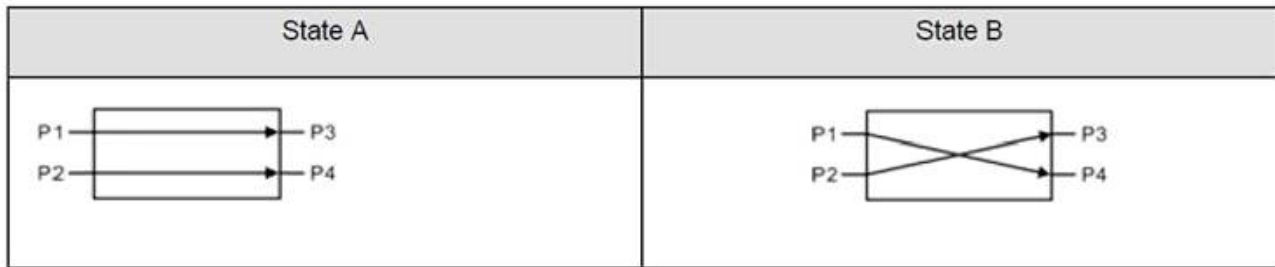
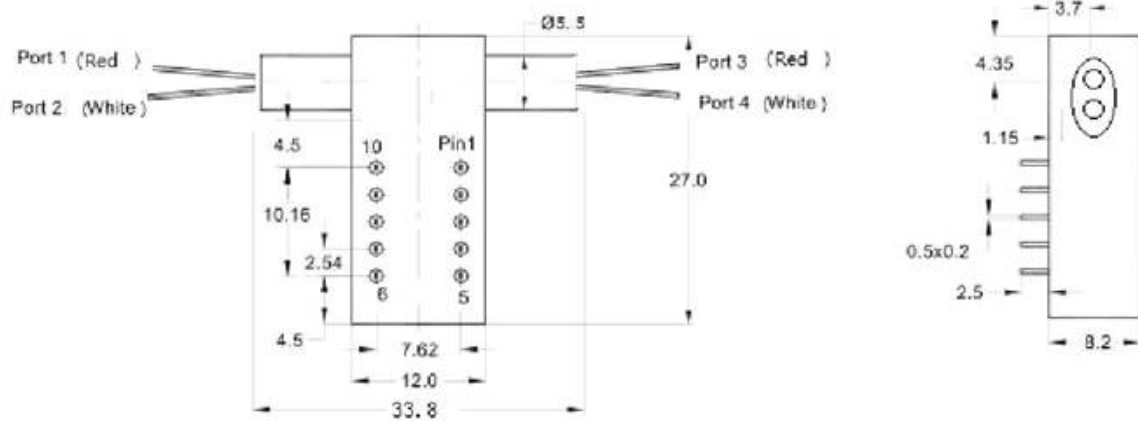
2x2 Mechanical Fiber Optic Switch

Specifications

F2x2 Mechanical optic Switch	Value
Wavelength (nm)	1260~1620 or 850/1310
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 (SM) or >30(MM)
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	SMF-28e or 62.5/125 MM or 50/125 MM
Package Dimension (mm)	(L)27.0×(W)12.0×(H)8.2

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Mechanical Dimensions (unit:mm)



Electrical Driver

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
	P1-P4-P2-P3	V+	--	--	GND	Open	Close	Close	Open
Non-Latching	P1-P3 P2-P4	--	--	GND	V+	Close	Open	Open	Close
	P1-P4-P2-P3	V+	GND	--	--	Open	Close	Close	Open

Ordering Information

OSW	Wavelength	Type	Optical Patch	Mode	Pigtail Type	Length	Connector
	1310=1310nm 1550=1550nm 3155=1310/1550 1 0850=850 8513=850/1310	22=2x2	F=Full Optical Path	L=Latching N=Non-Latching	2=900um loose tube S=Specify	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 6=LC/UPC 7=LC/APC 8=E2000/APC C S=Specify