

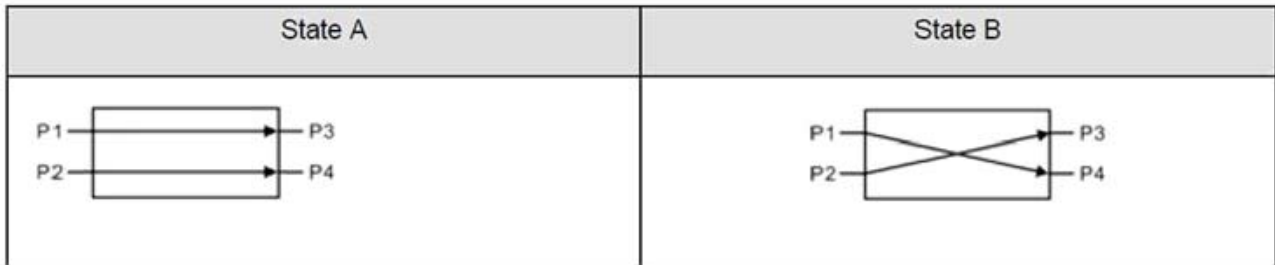
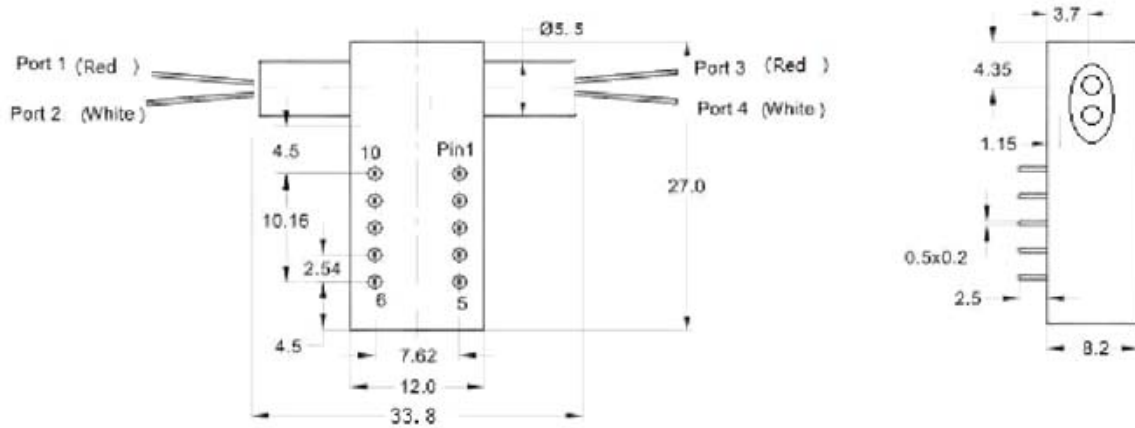
Full 2x2 Mechanical Fiber Optic Switch

Features	
Low Insertion Loss High crosstalk Compact package	
Application	
OXC, OLP, ROADM Wavelength switch of testing system Channel switch of optic sensor system	

Specifications

F2x2 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	SMF-28e Fiber
Package Dimension (mm)	(L)27.0×(W)12.0×(H)8.2

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

Ordering Information

OSW	Type	Wavelength	Mode	Pigtail Type	Fiber Type	Length	Connector
	F22=Full 2x2	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 XX=Other