

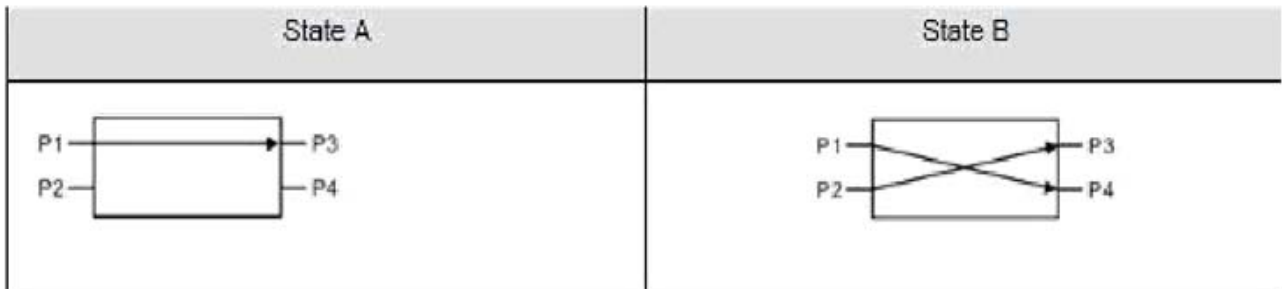
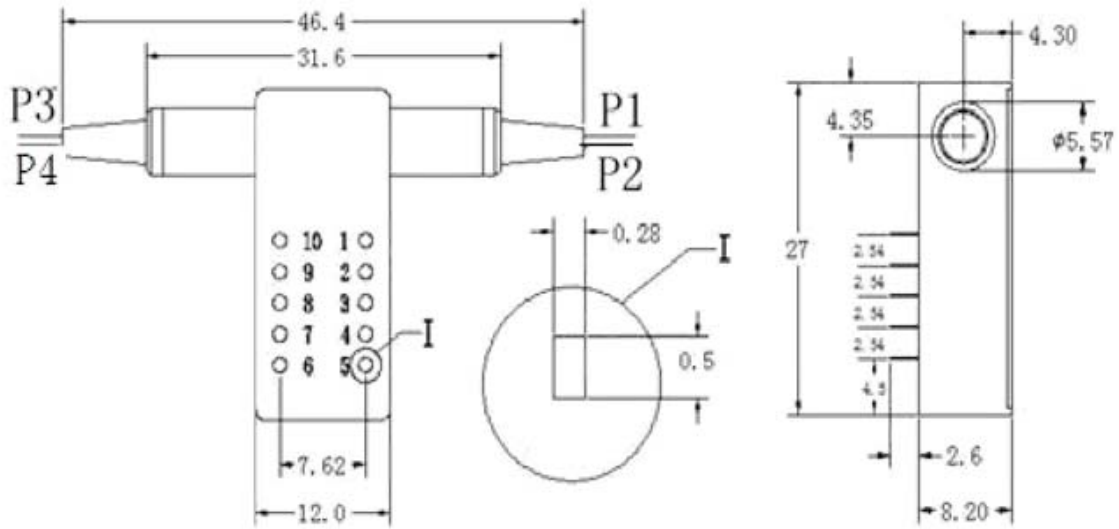
Bypass 2x2 Mechanical Fiber Optic Switch

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

Specifications

2x2 Mechanical optic Switch	Typical
Operating 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)27.0x(W)12.0x(H)8.2

Mechanical Dimensions (unit:mm)



Electrical Drive(non-latching normally off)

Type	State	Optical Route	Electric Drive				Status Sensor			
			Pin 1	Pin 5	Pin 6	Pin 10	Pin 2-3	Pin 3-4	Pin 7-8	Pin 8-9
2x2B			Pin 1	Pin 5	Pin 6	Pin 10	Pin 2-3	Pin 3-4	Pin 7-8	Pin 8-9
Latching	A	P1-P3	--	--	GND	V+	Close	Open	Open	Close
	B	P1-P4,P2-P3	V+	GND	--	--	Open	Close	Close	Open
Non-latching	A	P1-P3	--	--	--	--	Close	Open	Open	Close
	B	P1-P4,P2-P3	V+	--	--	GND	Open	Close	Close	Open

Ordering Information

OSW	Type	Wavelength	Mode	Pigtail Type	Fiber Type	Length	Connector
	22=2x 2	13=1310nm 15=1550nm 1315=1310/1 550	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