

2x2B Optical Switch

Features

- Compact Size
- High crosstalk
- Low Insertion Loss

Applications

- Optical Cross and Connection System
- Network Monitor
- Optical Fiber Ring Protection

Specifications

Parameters	Unit	2X2B
Operation Wavelength	nm	1310/1550
Insertion Loss	dB	≤1.0 (Typ 0.8)
Polarization Dependent Loss	dB	≤0.15
Return Loss	dB	≥55
Cross Talk	dB	≥55
Switch Time	ms	10
Repeatability	dB	±0.05
Lifetime	cycles	1 Million
Fiber Type		SMF-28e, MMF 50/125, MMF 62.5/125
Operating Temperature	°C	-15 ~ +70
Storage Temperature	°C	-40 ~ +85
Dimensions (LxWxH)	mm	27.0×12.6×8.0

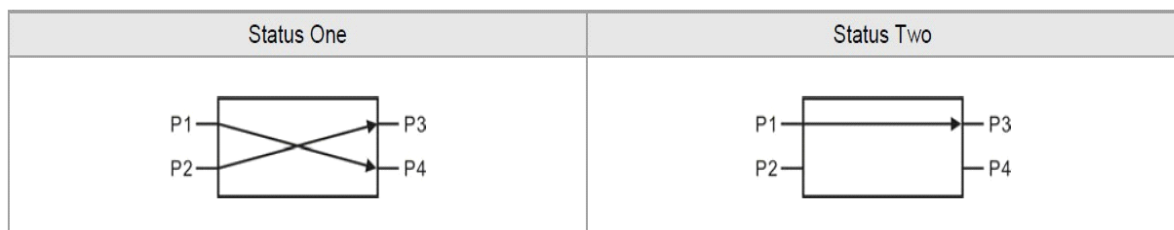
Integrated Drive

Drive Voltage	V	5 ±0.5 DC or 5V Pulse
Work Current	mA	< 50

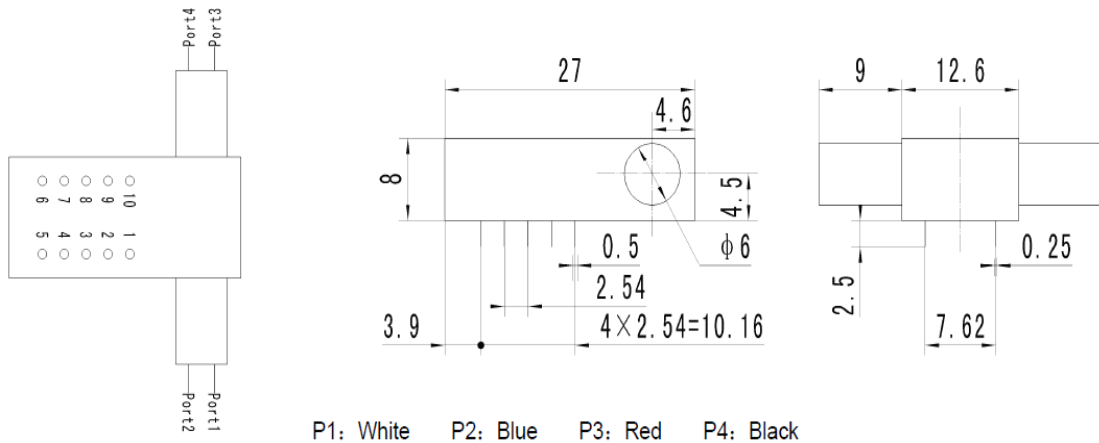
Electrical Drive

Parameters	Pins	Electric Drive				Status Sensor			
		1	5	6	10	2-3	3-4	7-8	8-9
2x2B	Optical Path	1	5	6	10	2-3	3-4	7-8	8-9
latching	P1-P4、 P2-P3	V+	GND	--	--	Open	Close	Close	Open
	P1-P3	--	--	GND	V+	Close	Open	Open	Close
Non-latching	P1-P4 P2-P3	V+	--	--	GND	Open	Close	Close	Open
	P1-P3	--	--	--	--	Close	Open	Open	Close

Optical Route



Package Dimension



Ordering Information

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①	Port Type	2x2B;
②	Wavelength	1310; 1550; 1310/1550;
③	Mode	L=Latching; N=Non-Latching
④	Pigtail Type	250=250um Fiber; 900=900um Loose Tube;
⑤	Fiber Type	1=SMF-28; 2=MMF 50/125; 3=MMF 62.5/125;
⑥	Fiber Length	1= 1m;
⑦	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;
⑧	Package	27.0x12.6x8.0;