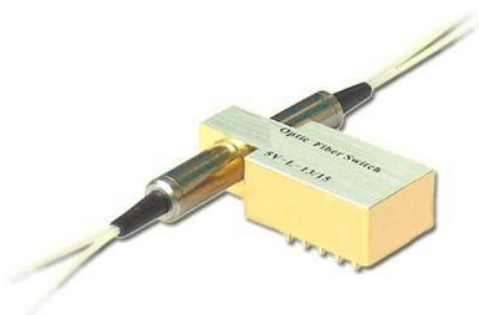


2×2Bypass Optical Switch

Features

- Low Insertion Loss
- Wide Wavelength Range
- Low Crosstalk
- High Stability, High Reliability
- Epoxy-free on Optical Path



Applications

- MAN
- R&D in Laboratory
- System Monitoring
- Configurable OADM

Acfiber-SW-2×2 Bypass Optical Switch, which is famous for its high performance, low insertion loss and compact dimension : (L)27.0 × (W)12.6 × (H)8.0, It is an ideal Component for OADM , OXC , system monitor and protection. With compact package, it can be easy to integrate into a high density optical communication system.

Performance

Parameters		Acfiber-SW - 2×2B	
Wavelength Range	nm	670~980	1260~1650
Operating Wavelength	nm	670/785/850/980	1310/1490/1550/1625/1650
Insertion Loss	dB	Typ:0.8 Max:1.2	Typ:0.6 Max:0.8
Return Loss	dB	MM≥30	SM≥50
Crosstalk	dB	MM≥45	SM≥55
PDL	dB	≤0.05	
WDL	dB	≤0.25	
TDL	dB	≤0.25	
Repeatability	dB	≤±0.02	
Power Supply	v	3.0 or 5.0	
Lifetime	times	≥10 ⁷	
Switch Time	ms	≤8	
Transmission Power	mW	≤500	
Operating Temperature	°C	-20~+70	
Storage Temperature	°C	-40~+85	
Weight	g	16	
Dimension	mm	(L) 27.0 × (W) 12.6 × (H) 8.0(±0.2mm)	customization is available.

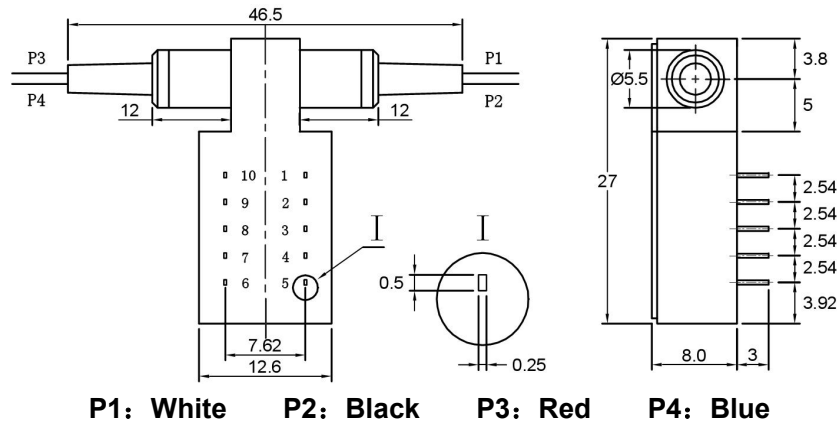
Electric

Specifications	Voltage	Current	Resistance
5V Latching	4.5~5.5	36~44mA	125 Ω
5V Non-latching	4.5~5.5	26~32mA	175 Ω
3V Latching	2.7~3.3	54~66mA	50 Ω
3V Non-latching	2.7~3.3	39~47mA	70 Ω

Pins

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

Dimension



Ordering Information Acfiber-SW-2×2B-A-B-C-D-E-F-G-H

A	B	C	D	E	F	G	H
Mode	Wavelength	Voltage Type	Control Model	Fiber type	Fiber diameter	Fiber Length	Connector
S:SM M:MM	85: 850nm 13: 1310nm 14: 1490nm 15: 1550nm 162: 1625nm 165: 1650nm 13/15:1310/1550nm X: Others	3: 3V 5: 5V	L: Latching N: Non- Latching	5:50/125、 6:62.5/125 9: 9/125 X: Others	25:250um; 90:900um; 20:2.0mm X: Others	05:0.5m 10:1.0m 15:1.5m X: Others	OO: None FP: FC/PC FA: FC/APC SP: SC/PC SA: SC/APC SP: ST/PC SA: ST/APC LP: LC/PC LA: LC/APC X: Others