

2×2BA Optical Switch

Features

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

Application

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



Performance

Parameters		GZ-FSW-2×2BA	
Wavelength Range	nm	850±40/1300±40	1260~1650
Operating Wavelength	nm	850/1300	1310/1490/1550/1625/1650
Insertion Loss	dB	Typ:0.8 Max:1.2	Typ:0.7 Max:1.0
Return Loss	dB		MM≥30 SM≥50
Crosstalk	dB		MM≥35 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
Dimension	mm	(L)55.0×(W)30.0×(H)12.8 customization is available.	

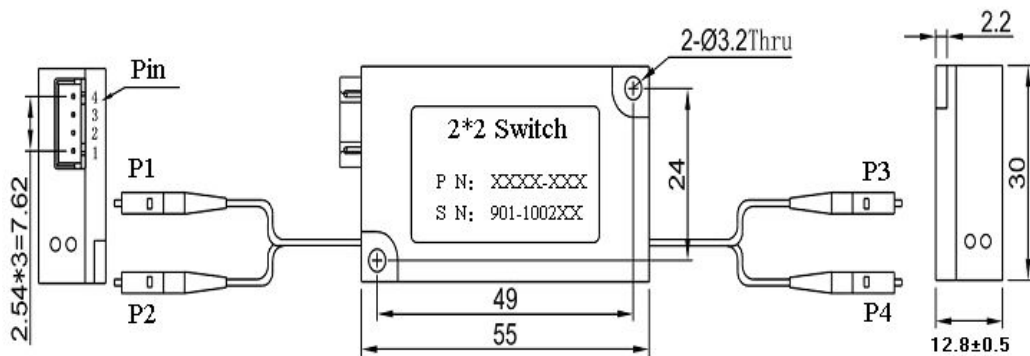
Pins

PN	Optical Path	Electric Drive		Status Sensor		Optical Route	
		PIN1	PIN3	PIN2	PIN4		
GZ-FSW-2×2BA	P1—P3	--	--	Close	/		Bypass
	P1—P4 P2—P3	V+	GND	Open	/		Normal

P1= (TX1/RX1) P3= TX2/RX2 P2=B2 P4=B1

	Signal name	설명	입출력	레벨	비고
1	+3V or +5V +3~+6V	0.2A	PO		+3V or +5V +3~+6V
2	OSU_EN	High(Open) = Normal, Low = Bypass	DO	TTL	High = Normal, Low = Bypass
3	GND				
4	NC				

Dimension



Ordering Information

Mode	Wavelength	Voltage Type	Control Model	Fiber Type	Fiber Diameter	Fiber Length	Connector
S=SM M=MM	85=850nm 13=1310nm 15=1550nm 13/15=1310/1550 nm X=Others	3=3V 5=5V M=3~6V	L=Latching N=Non-Latching	5=50/125 6=62.5/125 9=9/125 X=Others	25=250um 90=900um 20=2.0mm 30=3.0mm X=Others	1=1m 2=1.5m X=Others	0=None 1=FC/PC 2=FC/APC 3=SC/PC 4=SC/APC 5=ST/PC 6=ST/APC 7=LC/PC 8=LC/APC