

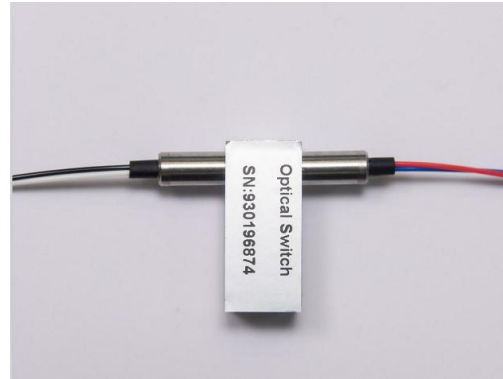
2X2 Bypass Mechanical Optical Switch

Features

- ◆ Low Insertion Loss
- ◆ Low WDL
- ◆ Low cost
- ◆ High Reliability
- ◆ Fast Switch Speed
- ◆ Telcordia GR-1209-CORE-2001
- ◆ Telcordia GR-1221-CORE-1999
- ◆ RoHS

Applications

- ◆ IPON Networks
- ◆ Protection
- ◆ Instrumentation



Specifications

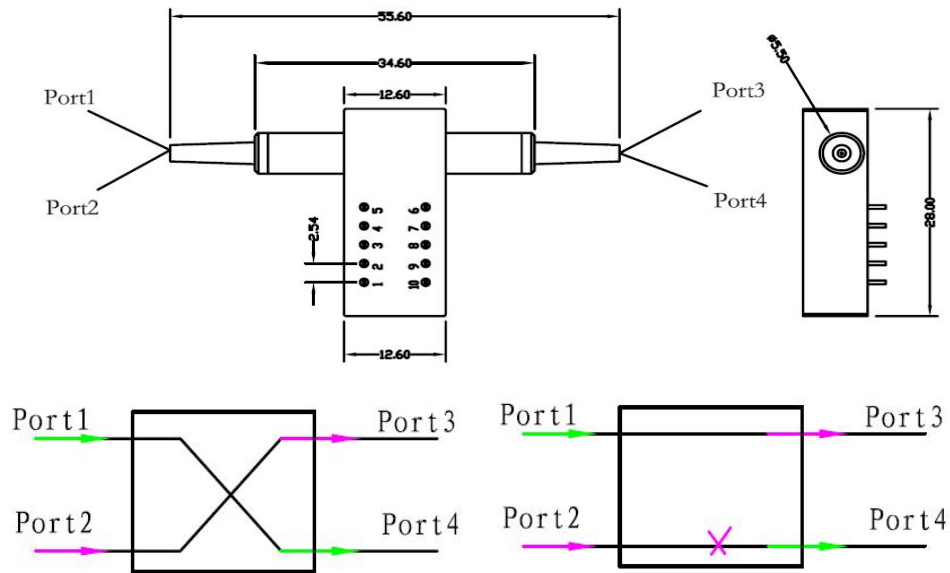
Parameters	Value	Unit
Operation Wavelength	1260~1620 850/1310/1550	nm
Insertion Loss	Type:0.5,Max:0.8	dB
Polarization Dependent Loss	<0.2	dB
Repeatability	<±0.02	dB
Return Loss	>50	dB
Cross talk	>50	dB
Switch time	<10	ms
Switch Type	Latching or Non-latching	
Fiber Type	Corning SMF-28	
Operation Temperature	-5~70	°C
Storage Temperature	-40~85	(°C)
Switch Power Voltage	+5	
Switch Driving Current at 5v	<300	
Dimensions	L27xW12xH8.2	mm

Notes:

1. Specified without connectors.
2. Add an additional 0.2dB loss per connector.

Mechanical Dimensions

Standard



Electrical Connector Configurations

Non-Latching Type

Optical Path	Electric Drive				Status Sensor			
	Pin 5	Pin 6	Pin 1	Pin 10	Pin2-3	Pin3-4	Pin7-8	Pin8-9
Port1→Port4, Port2→Port3	GND	+5VDC	N/A	N/A	close	open	open	close
Port1→Port3,	No power		N/A	N/A	open	close	close	open

Latching Type

Optical Path	Electric Drive				Status Sensor			
	Pin 1	Pin 5	Pin 10	Pin 6	Pin2-3	Pin3-4	Pin7-8	Pin8-9
Port1→Port4, Port2→Port3	GND	+5V Pulse			close	open	open	close
Port1→Port3,			GND	+5VPulse	open	close	close	open

Ordering information

[illegible]