

## 1x2 Optical Switch- Polarization Maintaining Fiber

### Application:

Testing  
Fiber Sensing

### Feature:

Compact size  
Low loss  
High stability

### Specification:

Parameter	Unit	Value						
Center Wavelength	nm	780	850	980	1064	1310	1550	1950
Bandwidth	nm	±20	±20	±20	±30	±50	±50	±50
Max. Insertion Loss	dB	1.0	0.9	0.8	0.8	0.6	0.6	0.9
Min. Return Loss	dB	55						
Min. ER	dB	20						
Switch time	ms	10						
Fiber		PM850	PM850	PM980	PM980	PM1310	PM1550	PM1950
Max. Repeatability	dB	≤ ±0.05						
Switch mode		Latching or Non-latching						
Lifetime	cycle	>1000000						
Drive Voltage	V	5 ±0.5 DC or 5V Pulse						
Work Current	mA	<50						
Operating Temp.	°C	-5~+70						
Storage Temp.	°C	-40~+85						
Dimension		26.5x13.4x11						

Above specification is for device without connector.

Device with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

### Electrical Drive:

Optical Route	Electric Drive				Status Sensor			
	Pin1	Pin5	Pin6	Pin10	Pin2-3	Pin3-4	Pin7-8	Pin8-9
1-2	+V Pulse	--	--	GND	Open	Close	Close	Open
1-3	GND	--	--	+V Pulse	Close	Open	Open	Close

**Package Dimension:**

