

Optical Switch

Features:

Low Insertion Loss
High Stability and Reliability

Application:

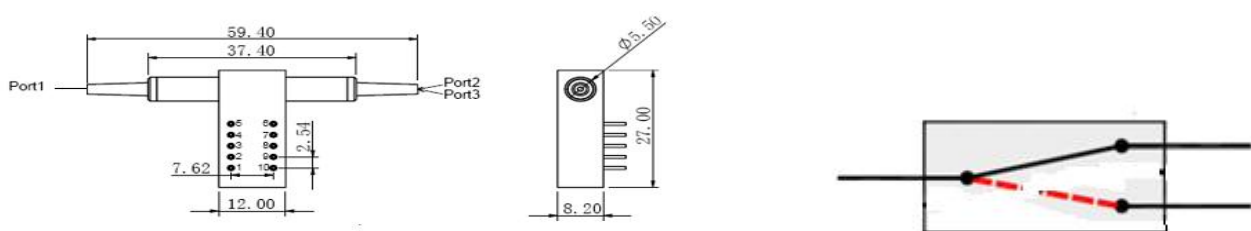
Communication Network

Specifications:

Parameters	1×2
Wavelength (nm)	1310,1550,1310/1550 or 850/1310
Insertion Loss (dB)	≤0.8
Return Loss (dB)	≥50
Crosstalk (dB)	≥55 (SM), ≥35 (MM),
PDL (dB)	≤0.05
WDL (dB)	≤0.25
TDL (dB)	≤0.25
Repeatability (dB)	≤±0.02
Power Supply (V)	5±0.5
Lifetime (times)	≥10 ⁷
Switch Time (ms)	≤5
Transmission (Mw)	≤500
Operating Operature (°C)	-5~+70
Storage Temperature (°C)	-40~+85
Dimension (mm)	27x12.6x8.0

*Above specifications are for devices without the connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower



Electrical Connector Configuration

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 →Port2	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→ Port2	GND	+5V Pulse			close	open	open	close
Port1→Port3,			GND	+5VPulse	open	close	close	open

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Ordering Information:

OSW	Type	00	Fiber	Mode	Pigtail Type	Length	Connector
1310=1310nm 1550=1550nm 3155=1310/1550nm 850=850nm 8513=850/1310	1=1x1 2=1x2		1=SMF-28e 2=50/125 OM3 3=62.5/125	L=Latching N=Non-Latching	2=900um loose tube S=Specify	H=0.5m 8=0.8m 1=1.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 6=LC/UPC 7=LC/APC S=Specify