

1x2 Optical Switch- Single Mode 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						
Max. PDL	dB	0.1						
Switch time	ms	10						
Fiber		HI780		HI1060		SMF-28e		
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:

