

1x2 Optical Switch

Features	
Low Insertion Loss High crosstalk Compact package	
Application	
Wavelength switch of testing system Channel switch of optic sensor system	

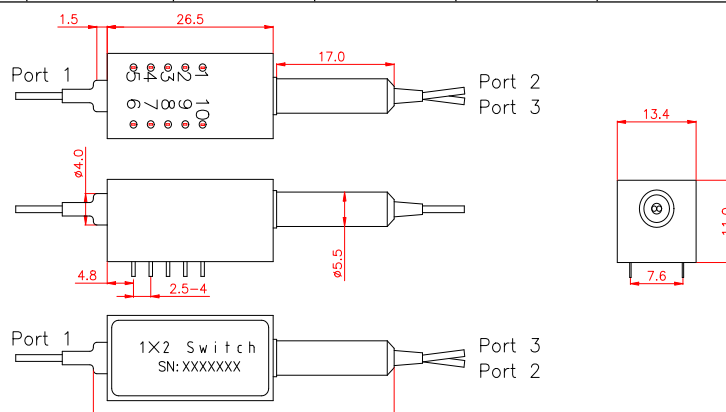
Specifications

Parameter	Value			
Port Type	1x2			
Fiber Mode	SM Fiber			
Wavelength (nm)	2000	1064	850	780
Insertion Loss (dB)	≤0.8(Typ 0.6)	≤0.7(Typ 0.5)	≤0.9(Typ 0.7)	≤1.3
Cross Talk (dB)	≥55	≥55	≥55	≥55
Return Loss (dB)	≥55	≥55	≥55	≥55
Repeatability (dB)	±0.05			
Switch Time (ms)	10			
Lifetime (cycle)	>1,000,000			
Switch mode	Latching or Non-latching			
Operating Temperature (°C)	-15 ~ +70			
Storage Temperature (°C)	-40 ~ +85			
Drive Voltage (V)	5 ±0.5 DC or 5V Pulse			
Work Current (mA)	<50			
Fiber Type	SMF-28e	HI1060	HI780	
Dimension (LxMxH) (mm)	(L)26.5×(W)13.4×(H)11			

Electrical Drive

Optical Path	Electrical Drive		Status Sensor					
	Pin1	Pin10	Pin5	Pin6	Pin2-3	Pin3-4	Pin7-8	Pin8-9
1-2	+V Pulse	GND	N/A	N/A	open	close	close	open
1-3	GND	+V Pulse	N/A	N/A	close	open	open	close

Package Dimension



Ordering Information

OSW	Type	Wavelength	Mode	Pigtail Type	Fiber Type	Length	Connector
	1x1 1x2	1064=1064 850=850 780=780 2000=2000nm	L=Latching N=Non-Latching	1=900um loose tube	4=H1060 7=HI780	0.8=0.8m 1=1m S=specify	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC xx: other