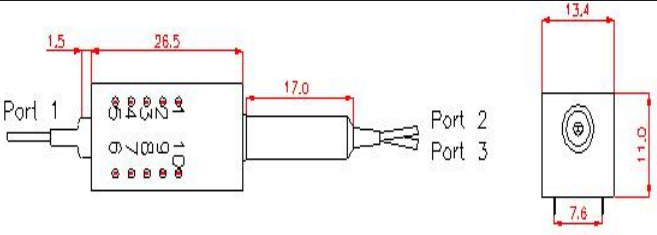


1X2 PM Optical Switch

Features	
High Extinction Ratio Low Insertion Loss Latching or Non-Latching Type	
Application	
Optical Cross and connection system Fiber Sensor	

Specifications

Parameter	1X2			
Wavelength (nm)	1310 ,1550	980, 1064	850,780	2000
Bandwidth(nm)	±40	±40	±20	±40
Insertion Loss (dB)	≤0.7(Typ 0.4)	≤0.8(Typ 0.6)	≤1.2(Typ 0.9)	≤1.0(Typ 0.8)
Extinction Ratio(dB)	≥20			
Cross Talk(dB)	≥55			
Return Loss (dB)	≥55			
Repeatability(dB)	≤±0.05			
Switch Time(ms)	≤10			
Durability(cycle)	≥10 ⁷			
Switch mode	Latching or Non-latching			
Operating Temperature(°C)	-5 ~ +75			
Storage Temperature(°C)	-40 ~ +85			
Drive Voltage(V)	5 ±0.5			
Optical Power (mW)	<500			
Fiber Type	Panda fiber			
Dimension (LxMxH) (mm)	(L)26.5×(W)13.4×(H)11			

*IL is 0.3dB (1310~1550nm), RL is 5dB lower and ER is 2dB lower for each connector added. The default connector key is aligned to slow axis

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

Ordering Information

PMOSW	Type	Wavelength	Mode	Pigtail Type	Fiber Type	Length	Connector
	1x2 2x2	1310=1310nm 1550=1550nm 1064=1064nm 850=850nm	L=Latching N=Non-Latching	1=900um loose tube	5=Panda Fiber	7=0.7m 1=1m	NE=None FC=FC/UPC SC=SC/UPC FA=FC/APC SA=SC/APC