

1064nm1X2 PM Optical Switch

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

Specifications

Parameter	1X2
Wavelength (nm)	1064
Bandwidth(nm)	±20
Insertion Loss (dB)	≤1.2 (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	Non-latching
Operating Temperature(°C)	~ +75
Storage Temperature(°C)	~ +85
Drive Voltage(V)	±0.5
Optical Power	500
Fiber Type	Plastic fiber
Dimension (LxMxH) (mm)	(L)26.5×(W)13.4×(H)11 (P2)

*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

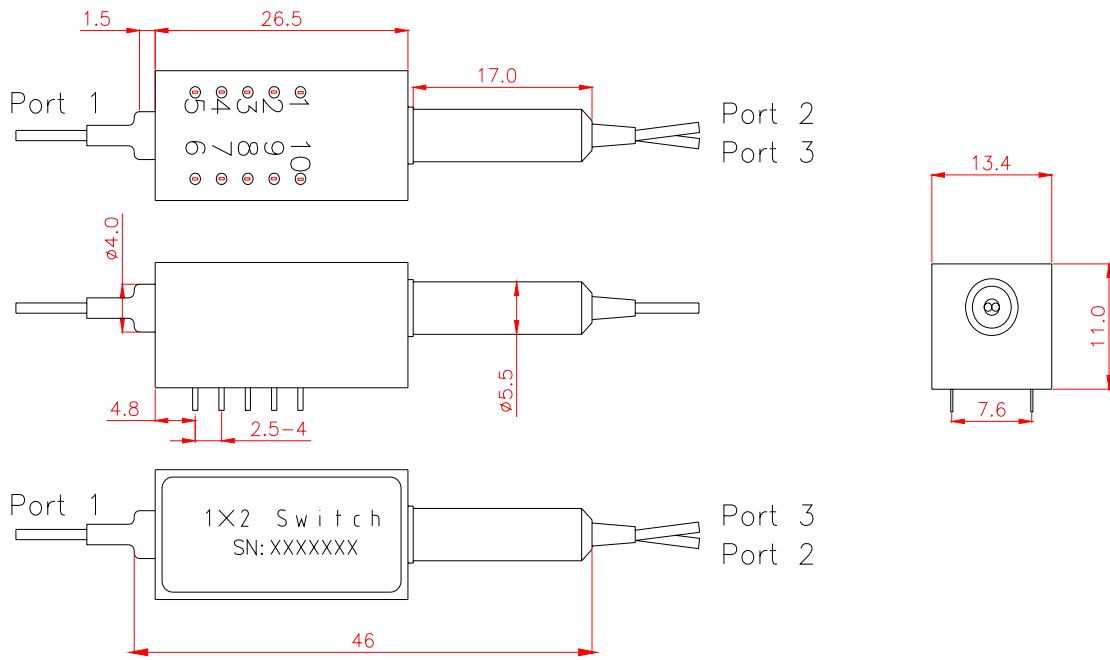
Electrical Drive(Latching Type)

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

Electrical Drive(Non-Latching Type)

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

PMOSW	Type	Wavelength	Mode	Pigtail Type	Fiber Type	Length	Connector
	1x2	1310=1310nm 1550=1550nm	L=Latching N=Non-Latching	250=250um bare fiber 900=900um loose tube	5=Panda Fiber	0.8=0.8 m	NE=None FC=FC/UPC SC=SC/UPC FA=FC/APC SA=SC/APC ST=ST/UPC LC=LC/UPC xx=Others