



LP Technical Development Ltd

1310,1550nm PM Optical Switch

Features	Applications
High Reliability High Extinction Ratio Low Insertion Loss	Fiber laser Lab

Specifications

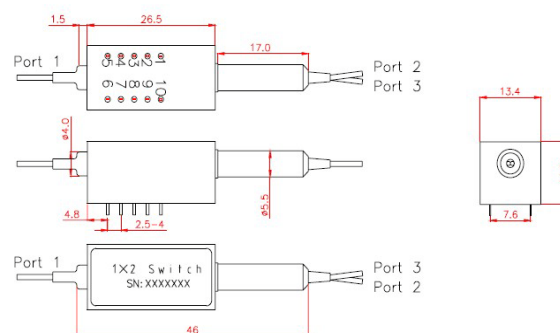
Parameter	Unit	1x2
wavelength	nm	1310 or 1550
Insertion Loss	nm	≤0.5(Typ 0.4)
Extinction Ratio	dB	≥20
Cross Talk	dB	≥55
Return Loss	dB	≥55
Repeatability	dB	≤±0.05
Switch Time	ms	10
Lifetime	cycle	>1,000,000
Switch mode		Latching or Non-latching
Drive Voltage	V	5 ±0.5 DC or 5V Pulse
Work Current	mA	<50
Fiber		Panda fiber
Operating temperature	°C	-15 ~ +70
Storage temperature	°C	-40 ~ +85
Dimensions	mm	(L)26.5×(W)13.4×(H)11

*IL is 0.3dB (1310~1550nm) or 0.5dB (1064nm) higher, 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

Package Dimensions



<http://www.lptechical.com>



Ordering Information

PMOSW	Type	Wavelength	Mode	Pigtail	Fiber	Length	Connector
	1x2	1310 1550	L=Latching N=Non-Latching	0=250um bare Fiber 1=900um loose tube	5= Panda Fiber	0.8m 1m	FC,SC,LC,ST ,MU/UPC,AP C