

1x1 Mechanical Switch

Description:

The mechanical series optical fiber switches Are designed on transmission optical principle. The prism and relay are the main parts in the optical principle.It's widely used for OADM system,OXC,monitor system and experience



Features:

- 1.Wide band operation
- 2.Low insertion loss&PDL
- 3.High cross talk
- 4.High stability and reliability
- 5.Path without epoxy

Application:

- 1.OADM
- 2.WAN
- 3.Laboratory
- 4.Monitory&detection

Performance:

Parameter	Units	Values
Operating wavelength	nm	1260~1620
wavelength	nm	1310&1550
Insertion loss	dB	Typ:0.6 Max:0.8
Return loss	dB	SM≥50
Cross talk	dB	SM≥55
PDL	dB	≤0.05
WDL	dB	≤0.25
TDL	dB	≤0.25
Repeatability	dB	≤±0.02
Voltage	v	3.0 or 5.0 (+/-0.5)
Operating life	Time	≥10 ⁷
Switch time	ms	≤8
Power handling	mW	≤500
Operating temperature	°C	-20~+70
Storage temperature	°C	-40~+85
Power Port	/	4Pin

V.TORCH

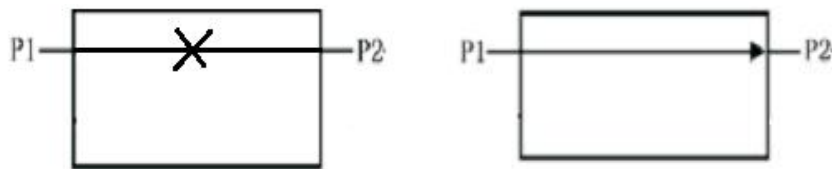
Size	mm	27x12x8.0
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Notes:The insertion loss above excluding the insertion loss for the connectors

Pin Definition:

Type	Pin Definition	Power				Condition monitoring			
		1	5	6	10	2-3	3-4	7-8	8-9
No-latching	P1-P2	--	--	--	--	Close	Open	Open	Close
	/	V+	--	--	GND	Open	Close	Close	Open
Latching	P1-P2	--	--	GND	V+	Close	Open	Open	Close
	/	V+	GND	--	--	Open	Close	Close	Open

Path Diagram:



Production Size:

