

## 1×N PM Optical Switch

### ☆Description

XHP 1×N polarization maintaining optical switch features low insert loss, fast responsibility, stable and reliable. It can be integrated into PM fiber components testing, PM fiber system etc.



### ☆Specifications

Parameters	Units	Value	
Type	-	PM 1×N Optical Switch	
Operating wavelength	nm	532~1064	1250~1650
Test wavelength	nm	532 / 650 / 780 / 850 / 980	1310 / 1490 / 1550 / 1625
Insert loss	dB	≤0.6	
Polarization dependent loss (PDL)	dB	≤0.5	
Wavelength dependent loss (WDL)	dB	≤0.25	
Temperature dependent loss (TDL)	dB	≤0.25	
Repeatability	dB	≤0.02	
Switch lifetime	-	10 <sup>7</sup>	
Switch time	ms	≤10	
Holding power	mW	≤500	
Fiber interface	-	FC、SC、LC、ST	
Fiber type	-	PM fiber	
Electric Control	-	TTL、5V、RS232C	
Operating current	mA	≤1A	
Package size	mm	135×60×35	
Operating temperature	℃	-20 ~ +70	
Storage temperature	℃	-40 ~ +85	

### ☆Ordering Information

Part number	Note	Options
XXX-XXX	Part type	XHP-PMOSW
X	Port type	<b>2</b> = 1×2, <b>3</b> = 2×2
XX	Operating wavelength	<b>W1</b> = 780nm, <b>W2</b> = 830nm, <b>W3</b> = 980nm, <b>W4</b> = 1064nm, <b>W5</b> = 1310nm, <b>W6</b> = 1480nm, <b>W7</b> = 1550nm, <b>W8</b> = 2000nm
XX	Fiber	<b>F1</b> = PM panda fiber
XXX	Pigtail	<b>PT1</b> = 250um bare fiber, <b>PT2</b> = 900um loose tube, <b>PT3</b> = 2mm loose tube, <b>PT4</b> = 3mm loose tube
XX	Fiber length	<b>L1</b> = 1m, <b>S</b> = customized
XXX	Package size	<b>PS1</b> = 90×14×8.5mm, <b>PS2</b> = Φ3.0×54

**Example:** XHP-PMC1X2-1-W7-F1-PT1-L1-PS1

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