

## 1×N Optical Switch

### Features

- Low loss, High Reliability, High Stability
- LCD Display
- RS232 and Ethernet Interface



### Applications

- Ring network
- Testing of fiber, optical component
- Optical network auto-monitor

1×N rack-mounted optical switch is a kind of optical path control device which has the function of optical path control and switch. It can choose working optical path switch manually with button and also control optical path switch or scan in frequency the optical switch which need to be monitored with RS 232 port and Ethernet port.

### Performances

Parameters		SW-1×N-U							
Wavelength range	dB	1<N≤12		16<N≤32		32<N≤64		64<N≤128	
		Typ:0.8	Max:1.0	Typ:1.0	Max:1.2	Typ:1.4	Max:1.6	Typ:1.9	Max:2.2
Operating wavelength	nm	532~980				1260~1650			
Insertion loss	dB	650/780/850/980				1310/1490/1550/1625			
Return loss	dB	SM≥50、MM≥30							
Crosstalk	dB	SM≥55、MM≥35							
PDL	dB	≤0.05							
WDL	dB	≤0.25							
TDL	dB	≤0.25							
Repeatability	dB	≤±0.02							
Lifetime	times	10 <sup>7</sup>							
Transmission power	mW	≤500							
Switch time	ms	≤10							
Operating temperature	°C	-20~+70							
Storage temperature	°C	-40~+85							
Power supply	V	AC 85-264V, 50/60Hz OR DC (36-72)V							
Dimensions	mm	1U L303×W439×H44 (Up to 16 channel) customization is available.							
		2U L303×W434×H89 (Up to 130 channel) customization is available.							

### Ordering Information SW-1×N-A-B-C-D-E-F

N	A	B	C	D	E	F
Channel	Package spec	Mode	Wavelength	Voltage Type	Fiber type	Connector
1~128	1U 2U 3U 4U	S:SM M:MM	85: 850nm 13: 1310nm 14: 1490nm 15: 1550nm 162: 1625nm 165: 1650nm 13/15:1310/1550nm X: Other	AC: 85-264V DC: 36-72V AC/ DC: 220V&48V	5:50/125、 6:62.5/125 9: 9/125 X: Other  Inner Fiber Type	FP: FC/PC FA: FC/APC SP: SC/PC SA: SC/APC SP: ST/PC SA: ST/APC LP: LC/PC LA: LC/APC X: Other