

## 1×N Desktop Optical Switch

1×N desktop 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.

### Features

- Low Loss
- High Reliability, High Stability
- LCD Display
- RS232 and Ethernet Interface
- GPIB, DB25 Data Interface for Desktop device



### Applications

- Ring Network
- Optical Network Auto-monitor
- Testing of Fiber, Optical Component

### Specifications

Parameters		MOSW-1×N-DT							
		1<N≤12		16<N≤32		32<N≤64		64<N≤128	
Wavelength Range	dB	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	dB	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							
Dimensions	mm	Desktop L320×W245×H110 (Up to 32 channel) Customization is available.							

**Ordering Information****MOSW-1×①-DT-②②-③-④-⑤-⑥**

①: Channel	②②: Wavelength	③: Mode	④: Connector Type	⑤: Fiber Type
1~128	65 - 1650nm	S: SM	1 - FC/PC	1 - 50/125
	62 - 1625nm	M: MM	2 - FC/APC	2 - 62.5/125
	55 - 1550nm		3 - SC/PC	3 - 9/125
	49 - 1490nm		4 - SC/APC	S: Specify
	31 - 1310nm		5 - ST/PC	
	85 - 850nm		6 - ST/APC	
	SS - Specify		7 - LC/PC	
			8 - LC/APC	
			N - None	
			S - Specify	