



# 1 × 8 Optical Switch

professional supplier of fiber optical component

## Features

- Low loss and high reliability
- Parallel interface (RS232,RJ45)
- Modularized design
- Epoxy-free in optical path

## Applications

- Ring network
- Remote monitoring in optical network
- Testing of fiber optical component



## Specifications

Parameters		OSW-1×8	
Insertion loss	dB	<1.2	
Wavelength range	nm	200~850 or 850~1310	1260~1660
Testing wavelength	nm	532/650/780/850/980/1300	1310/1490/1550/1650
Return loss	dB	SM≥55、MM≥35	
Crosstalk	dB	≥-80	
PDL	dB	≤0.02	
WDL	dB	≤0.25	
TDL	dB	≤0.30	
Repeatability	dB	≤±0.02	
Lifetime	cycle	10 <sup>7</sup>	
Optical input power	mW	≤1000	
Switching time	ms	≤10 (Sequence switch time of adjacent channel)	
Operating temperature	°C	-20~+70	
Storage temperature	°C	-40~+85	
Power supply	V	AC 100~240V or DC 48V	
1XN-U	mm	1U 19" (width 200)	
Extinction Ratio	dB	≥18	

## Ordering Information : OSW-1XN-A-B-C-D-E

N	A	B	C	D	E
Chanel	Fiber	Wavelength	Shape	Power	Connector
1 ~ 16	SM: SM, 9/125 M5: MM, 50/125 M6: MM, 62.5/125	850: 850nm 1310: 1310nm 1550: 1550nm 13/15:1310/1550nm	1U:1U19"	D22:Double220V D48:Double48V S24:220V+48V S22:AC100~260V S48:DC 48V	OO:None FP: FC/PC FA: FC/APC SP: SC/PC SA: SC/APC LP: LC/PC LA: LC/APC