

# **OFSW - 1 × 4** Optical Fiber 1×4 Switch

#### **PRODUCT DESCRIPTION**

OFSW-  $1 \times 4$  is a  $1 \times 4$  prism optical switch. It can support 1 optical fibers input and 4 fiber output, channel switch. Wide operating wavelength range, low insertion loss and speedy switching rate, can use network trends configuration, network monitor and lab application.

OFSW-1×4 has three operator mode:

1, Manual mode:

Through interface and network, proceeding gallery switch real time, fiber route, wavelength management etc.

2, One way or circulate automatic scanning:

By setting time series, proceeding single way or circulate automatic scanning, as network detection.

3, Automatic mode:

Automatic selection channel that accord with users' requirement (eg: power range).

OFSW-1×4 has 19" rack and 2U desk-type two chassis appearance, 2U desk-type applies to lab application. LCD located at front panel provide all unit's working parameters and current operator scheme. RS232 interface and RJ45 ethernet interface, for SNMP, remote management and control.

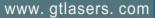
#### **PRODUCT FEATURES**

- ► Wide wavelength range
- Low insertion loss
- Low polarization-dependent loss
- Fast switching speed
- Low switch cross talk
- ► User-definable thresholds and hysteresis
- ▶ User-selectable revertive and non-revertive
- SNMP supporting remote management and monitoring
- ► High stability & reliable

#### MAIN APPLICATION

- Network Monitoring and Switching
- ▶ Network Protection and Restoration
- ▶ Instrument, Testing and Measurement







### **TECHNICAL INDEX**

	Derfermen			Index				
	Performance		Min.	Тур.	Max.	Supplement		
Optic feature	Wavelength range	(nm)	1528		1620	OFSW-1×4-□-□-7		
	wavelength range	(nm) -	1260		1620	OFSW-1×4-□-□-8		
	Insertion loss	(dB)		1.6	2.0			
	Return loss	(dB)	55	60				
	Switch cross talk	(dB)	55	60				
	PDL	(dB)			0.2			
	Switching time	(mS)			20			
	Fiber type			9/125				
	Optical connector		F	C/UPC, FA/AP	Optional SC, LC			
General feature	10/100M Ethernet interface			RJ45				
	Net working protocol			SNMP				
	Communication interface			RS232				
	Power supply	(VAC)	90		265	50/60Hz		
	Work temp.	(°C)	-20		65			
	Storage temp.	(°C)	-40		85			
	Relative humidity	(%)	5		95			
		(11)		19×10×1.75	1U			
	Size (W) x (D) x (H)	(")		11×14×3.5	2D			

## MODEL EXPLANATION

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Fiber Optic Switch	Number of input port				Number of input detection		Number of output detection		Work wavelength		Exterior		Connector		Number of power supply		Power supply	
	1	1port	4	4port	0	Without	0	Without	7	1528~1620	1U	1U 19"	FA	FA/APC	s	Single PS	22	220VAC
					1	1port	4	4port	8	1260~1620	2D	2U	FP	FC/UPC	D	Dual PS	11	110VAC
											20	Desk-type	SA	SA/APC	Р	Dual PS,	48	-48VDC
													SP	SC/UPC		hot plug	42	-48VDC&
													LA	LA/APC			42	220VAC
													LP	LC/UPC				