OFSW - 1 × 13 Optical Fiber 1×13 Switch

PRODUCT DESCRIPTION

OFSW- 1×13 is a 1×13 prism optical switch. It can support 1 optical fibers input and 13 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- 1×13 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- 1×13 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

Performance			Index			Supplement
			Min.	Typ.	Max.	
Optic feature	Wavelength range	(nm)	1528		1620	OFSW-1×13-□-□-7
			1260		1620	OFSW-1×13-□-□-8
	Insertion loss	(dB)		3.5	4.0	
	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		FC/UPC, FA/APC			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	
	Size (W) x (D) x (H)	(")	19×10×1.75			1U
			11×14×3.5			2D

MODEL EXPLANATION

OFSW - 1 × 13 - □ / □□ - □ - □□ - □□ - □ / □□

Fiber Optic Switch	Number of input port		Number of output port		Number of input detection		Number of output detection		Work wavelength		Exterior		Connector		Number of power supply		Power supply	
	1	1port	13	13port	0	Without	00	Without	7	1528~1620	1U	1U 19"	FA	FA/APC	S	Single PS	22	220VAC
					1	1port	13	13port	8	1260~1620	2D	2U Desk-type	FP	FC/UPC	D	Dual PS	11	110VAC
													SA	SA/APC	P	Dual PS, hot plug	48	-48VDC
													SP	SC/UPC			42	-48VDC& 220VAC
													LA	LA/APC				
													LP	LC/UPC				