OFSW - 1 × 25　Optical Fiber 1×25 Switch

PRODUCT DESCRIPTION

OFSW- 1×25 is a 1×25 prism optical switch. It can support 1 optical fibers input and 25 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- 1×25 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- 1×25 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.
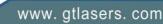
PRODUCT FEATURES

▶ 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-1×25-□-□-7
			1260		1620	OFSW-1×25-□-□-8
	Insertion loss	(dB)		4.0	4.5	
	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 × 25 - □ / □□ - □ - □□ - □□ - □ / □□

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	25 25port	0 Without	00 Without	7 1528~1620	1U 1U 19"	FA FA/APC	S Single PS	22 220VAC
	1 1port	25 25port	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		