Optical Fiber 1x2 Switch

RCI OFSW1x2

Technical Specification

CONTENT

RCI Optical Fiber Switch

1. PRODUCT DESCRIPTION

OFSW1×2 is a 1×2 prism optical switch. It can support 1 optical fibers input and 2 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.

OFSW1×2 has three operator modes:

① manual modes:

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 modes:

Automatic selection channel that accord with users' requirement

(eg:
power range).

OFSW1×2 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.

2. PRODUCT FEATURE

- 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

3. MAIN APPLICATION

- Network Monitoring and Switching

- Network Protection and Restoration

- Instrument, Testing and Measurement

4. TECHNICAL INDEX

Performance			Index			Supplement
			Min.	Typ.	Max.	
Optic feature	Wavelength range	(nm)	1528		1620	OFSW1×2-□-□-7
			1260		1620	OFSW1×2-□-□-8
	Insertion loss	(dB)		1.6	2.0	
	Return loss	(dB)	55	60		
	Switch cross talk		55	60		
	Polarization dependent loss	(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	
	Operating relative humidity	(%)	5		95	
	Size (W)×(D)×(H)	(")	19×10×1.75			1U
			11×14×3.5			2D