

NO. 1 Service NO.1 Quality

Rack-Mounted Optical Switch (1xN NxM)



Rack-Mounted optical switch(1xN to 1x128, NxM) is a kind of optical path control device which has the function of optical path control and switch. It can choose working optical path switch manually with button and also control optical path switch or scan in frequency the optical switch which need to be monitored with RS 232 port and Ethernet port.

Features

- Low loss
- High Reliability, High Stability
- LCD Display
- RS232 and Ethernet Interface
- GPIO, DB25 Data Interface for Desktop

Applications

- Ring Network
- Optical Network Auto-monitor
- Testing of Fiber, Optical Component

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Performances

Parameters		Acfiber-FSW-1xN to 1x128-U			
		1<Nx12	16<Nx32	32<Nx64	64<Nx128
Wavelength range	dB	Typ:0.8 Max:1.0	Typ:1.0 Max:1.2	Typ:1.4 Max:1.6	Typ:1.9 Max:2.2
Operating wavelength	nm	532~980		1260~1650	
Insertion loss	dB	650/780/850/980		1310/1490/1550/1625	
Return loss	dB	SM50, MM30			
Crosstalk	dB	SM55, MM35			
PDL	dB	0.05			
WDL	dB	0.25			
TDL	dB	0.25			
Repeatability	dB	0.02			
Lifetime	times	10 ⁷			
Transmission power	mW	500			
Switch time	ms	10			
Operating temperature	C	-20+70			
Storage temperature	C	-40+85			
Power supply	V	AC 85-264V,50/60Hz or DC(36-72)V			
Dimensions	mm	1U L303W439H44 (Up to 16 channel) customization is available.			
		2U L303W434H89 (Up to 130 channel) customization is available.			

Ordering Information Acfiber-FSW-1N-A-B-C-D-E-F

N	A	B	C	D	E	F	
Channel	Package spec	Mode	Wavelength	Voltage Type	Fiber type	Connector	
1~128	1U	S:SM	85: 850nm	AC: 85-264V	5:50/1256:62.5/125	FP: FC/PC	
	2U	M:MM	13: 1310nm	DC: 36-72V	9: 9/125	FA: FC/APC	
	3U		14: 1490nm	AC/ DC:	X: Other	SP: SC/PC	
	4U		15: 1550nm	220V48V	Inner Fiber Type	SA: SC/APC	
				162: 1625nm			SP: ST/PC
				165: 1650nm			SA: ST/APC
				13/15:1310/1550nm			LP: LC/PC
			X: Other			LA: LC/APC	
						X: Other	