

MEMS Switch

Features
Low Insertion Loss Compact size & High Repeatability
Application
Fiber Network BOTR testing

Optical Performance

Test Wavelength (nm)	1310/1550/1625 or 1650	
Channels	2~64	
Insertion Loss (dB)	1x2	≤1.0
	1x4	≤1.0
	1x8	≤1.0
	1x12	≤1.0
	1x16	≤1.0
	1x24	≤1.3
	1x32	≤1.3
	1x48	≤1.5
	1x64	≤1.5
Return Loss (dB)	≥45	
Repeatability (dB)	≤0.1	
Crosstalk (dB)	≥40	
PDL (dB)	≤0.2	
WDL(dB)	≤0.3	
TDL (dB)	≤0.3 @N≤16 ; ≤0.4 @24≤N≤64	
Switch Time (ms)	≤15	
Durability (cycle)	≥1x10 ⁹	
Maximum Optical Power (mW)	≤500	
Operation Temperature (°C)	-5~65	
Storage Temperature (°C)	-40~85	

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Dimensions (mm)	
Switch Mode	Non-latching
Control Voltage (V)	5±0.25
Module Dimension (mm)	80x60x16
Steel tube package (mm)	Φ 5.5×42 (2-16ch)
	Φ 6.2×47 (17-64ch)

Ordering Information

MSW	Type	Wavelength	Pigtail Type	Length	Fiber Type	Connector	Package
	04=1x4 08=1x8 12=1x12	1310=1310 1550=1550	1=900um loose tube	1= 1m X=Other	1=SMF-28e	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC	S=Steel tube M=Module