

Micro Electro Mechanical Switches 1*N

Features

Low Insertion Loss & Low PDL
Low Power Consumption
High switching speed
Insensitive to Shock and Vibration
High Reliability and

Applications

Fiber communication System
Optical component testing
Fiber sensing System
Channel Monitor
Matrix Optical Switch



Specifications

Parameter	Specification	Unit	Note
Wavelength Range	1260~1620	nm	
Insertion Loss	1.0 Typical 0.8	dB	@1x4
	1.5 Typical 0.8		@1x8
	2.0 Typical 1.2		@1x15
	2.5 Typical 1.6		@1x24
	2.8 Typical 1.8		@1x32
Crosstalk	≥50	dB	For Single Mode
Return loss	≥45	dB	For Single Mode
Switching time	≤5	ms	Typical 1.0
Polarization Dependent Loss	≤0.2	dB	
Wavelength Dependent Loss	≤0.3	dB	@<0 dB Att.
Return loss	≥45	dB	For Single Mode
Optical Power Handling	500	mW	
Driving Voltage	60	V	
Power Consumption	≤2	mW	

Ordering information

MEOS	-	xx	xx	x	x	x	x	-	xx	x
ME=MEMS O=Optical S=Switch		Port Configuration	Voltage Type	Switch Type	Wavelength	Fiber Type	Pigtail Type		Fiber Length	Connector
		02=1x2 04=1x4 16=1x16	03=3V 60=60V	N=Non-Latching	1=1310nm 2=1550nm 3=1260~1620nm 4=850	1=SMF-28 2=MM50/125 3=62.5/125 X=Special	B=bare fiber L=loose Tube		05=0.5m 10=1.0m 15=1.5m	0=None 1=FC/UPC 2=FC/APC 3=SC/UPC 4=SC/APC 5=LC/UPC 6=LC/APC