

1XN MEMS Optical Switch

Features

Fast switching time
1*N configurations
Low loss
MEMS technology
Epoxy-free

Applications

Network flexibility
Configurable optical add/drop multiplexing
Protection switching
Network monitoring

Specification

Parameters		1×N(≤16)-MEMS-Switch
Wavelength Range	nm	1310 & 1550 or 1310 or 1550(SM)
Insertion Loss	dB	1.0(typ) 1.2(max)
WDL	dB	≤0.2
PDL	dB	≤0.15
Return Loss	dB	≥50
Crosstalk	dB	≥50
Repeatability	dB	≤±0.05
Power Supply	v	5
Durability	Time	≥10 ⁹
Switch Time	ms	≤20
Transmission Power	mW	≤500
Operating Temperature	°C	-10~+70
Storage Temperature	°C	-40~+85
Dimension	mm	75mm X 45mm X12.5mm

Ordering Information

GLMS	Type	Wavelength	Cable type	Cable length	Connector	
					input	output
GB-Link MEMS Optical Switch	102=1x2	13=1310nm	B=250um bear fiber	03=0.3m	0=No connector	
	104=1x4	15=1550nm		05=0.5m	1=SC/APC	
	108=1x8	1315=1310&1550nm	09=0.9mm loose tube	10=1m	2=SC/UPC	
	116=1X16			15=1.5m	3=LC/APC	
				20=2m	4=LC/UPC	
					5=FC/APC	
		6=FC/UPC		ST=ST connector		
				MU=MU connector		