



Opto-Link
Corporation Ltd

Multimode Optical Switch

Multimode optical switch connects optical channels by redirecting an incoming optical signal into a selected output fiber. This is achieved using a patent pending opto-mechanical configuration and activated via an electrical control signal. The mechanical operation offers ultra-high reliability and fast switching speed as well as bi-directional performance. The MMS fiberoptic switches are true switching solutions for optical networking applications.

Applications

- Optical Signal Routing
- Network Test Systems
- Instrumentation
- Optical Network Protection/Restoration
- Configurable Optical Add/Drop
- Transmitter and Receiver Protection

Features

- Unmatched Low Cost
- Low Insertion Loss
- High Channel Isolation
- Highly Stable and Reliable
- Epoxy-Free Optical Path
- Latching or Non-Latching

SPECIFICATIONS

Multimode Optical Switch (1x2)

Parameter	Values		Units
Operating Wavelength	850, 1310 or 1550 +/- 40	850/1310, 850/1550, 1310/1550	nm
Insertion Loss	<= 0.8	<= 1.0	dB
Wavelength Dependent Loss (WDL)	<= 0.25	<= 0.30	dB
Polarization Dependent Loss (PDL)	<= 0.05		dB
Crosstalk	>= 35		ps
Return Loss	>= 35		dB
Switching Speed (Typ.)	<= 10 (Typ.4)		ms
Operating Voltage	5		V
Power Handling	500		mW
Durability	10 Million		Cycles
Operating Temperature	0 ~ +70		°C
Storage Temperature	-40 ~ +85		°C
Dimensions	32.76 x 12.6 x 11.0 (or Custom Size)		mm

ORDERING CODES

