

2x2 Multimode Mechanical Optic Switch

Features

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

Applications

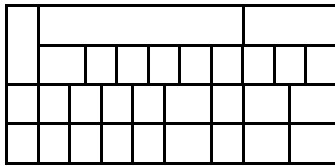
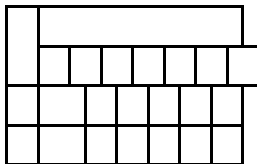
- Instrumentation
- Configurable Optical ADD/DROP
- Optical Signal Routing
- Optical Network Protection/Restoration
- Transmitter and Receiver Protection
- Network Test System

Performance Specifications

Parameter	Specification	
Operating Wavelength (nm)	850, 1310, or 1550 ± 40	850/1310, 850/1550, 1310/1550
Insertion Loss (dB)	≤1.0(PGrade),≤1.2(A Grade)	≤1.2 (P Grade),≤1.4 (A Grade)
Wavelength Dependent Loss (WDL) (dB)	≤0.25	≤0.30
Polarization Dependent Loss (PDL) (dB)	≤0.05	
Cross Talk (dB)	≥35	
Return Loss (dB)	≥35	
Switching Speed (typ.) (ms)	≤10 (Typ.4)	
Operating Voltage (V)	3 or 5	
Power Handling (mW)	500	
Durability (Cycles)	10 Million	
Operating Temperature (°C)	0 ~ +70	
Storage Temperature (°C)	-40 ~ +85	
Dimensions (LxWxH) (mm)	32.76x12.6x11.0(Or custom size)	

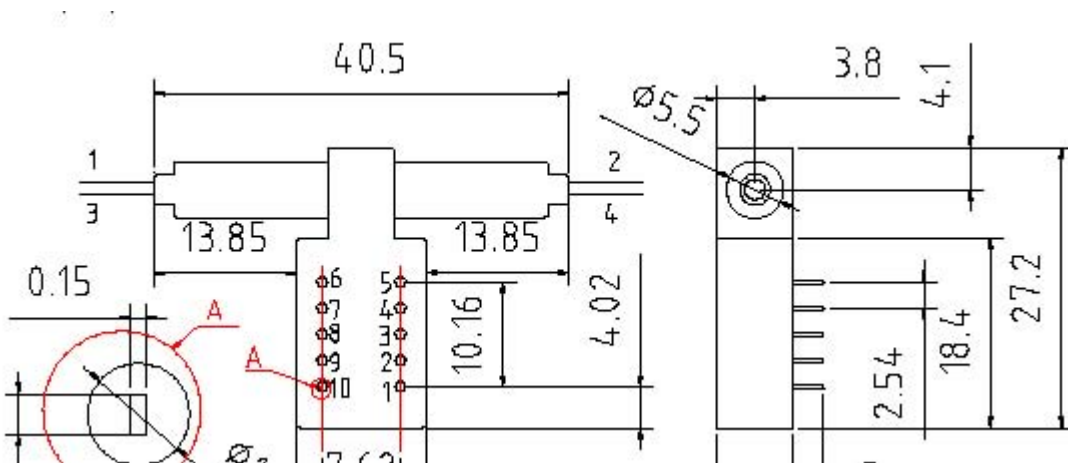
Electrical Pin Configuration:

Non-latching



Parameters	Typical	Minimum	Maximum	Unit
Operating voltage	5	4	6	V
Operating current	30			mA
Pulse width	>50			ms

Dimensions (mm)



Ordering Information

Type	State	Operating wavelength	Port	Grade	Fiber type	Fiber length	In/Out connector type
SMS	1=non-latching 2=latching	15=1550±40nm 13=1310±40nm 35=1310/1550nm	0202=2x2 0404=4x4 0808=8x8 016016=16x16 032032=32x32 064064=64x64 01000=other	1=P grade 2=A grade	1=Bare Fiber 2=900um Jacket	1=1 Meter 2=2 Meter	1=None 2=FC/APC 3=FC/PC 4=SC/APC 5=SC/PC 6=ST 7=LC