

2x2 Opto-Mechanical Switch

Specifications

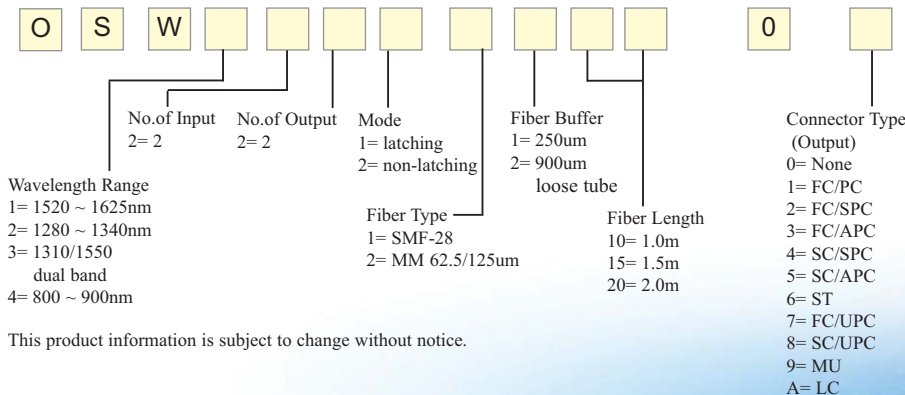
Parameters		Unit	Specification	
Operating Wavelength Range		nm	Single-mode	Multi-mode
			1280 - 1340	800 - 900
			1520 - 1625	1280 - 1340
Insertion Loss	Max.	dB	0.8	
Return Loss	Typ.	dB	60	
	Min.	dB	50	
Polarization Dependent Loss	Typ.	dB	0.05	
	Max.	dB	0.10	
Switch Time	Typ.	ms	8	
	Max.	ms	10	
Cross Talk	Min.	dB	60	
Switch Speed	Max.	Hz	10	
Durability	Min.	dB	10 ⁷	
Repeatability	Typ.	cycle	± 0.02	
	Max.	dB	± 0.05	
Power Handling	Max.	mW	1000	
Operating Temperature		°C	-5 ~ +70	
Storage Temperature		°C	-40 ~ 85	
Dimension		mm	55(L) x 26(W) x 17(H)	

1. Values referenced without connectors.
2. Repeatability measured at room temperature for 100 cycles.

Electric Characteristics

Parameter	Units	Specification
Coil Resistance	Ω	125 (± 10%)
Typical Operating Current	mA	40 (± 10%)
Operating Voltage	V	5.0
Operating Voltage Range	V	4.5 ~ 5.5
Typical Power Consumption	W	0.2

Ordering Information



Features / Benefits

- Cost-effective solution
- Fast switching speed
- Broad wavelength range
- Ultra low loss
- Latching configuration
- Hermetic package

Applications

- Route fiber test system
- Network restoration
- Network protection
- Network monitoring
- Re-configurable OADM