

### Key Features

- Fast switching speed
- Low insertion loss
- Wide wavelength range
- Position status feedback
- Energy efficient with latching operation
- Low optical return loss
- Low cross talk
- Good repeatability and mechanical stability
- Long life cycles
- High optical power

### Applications

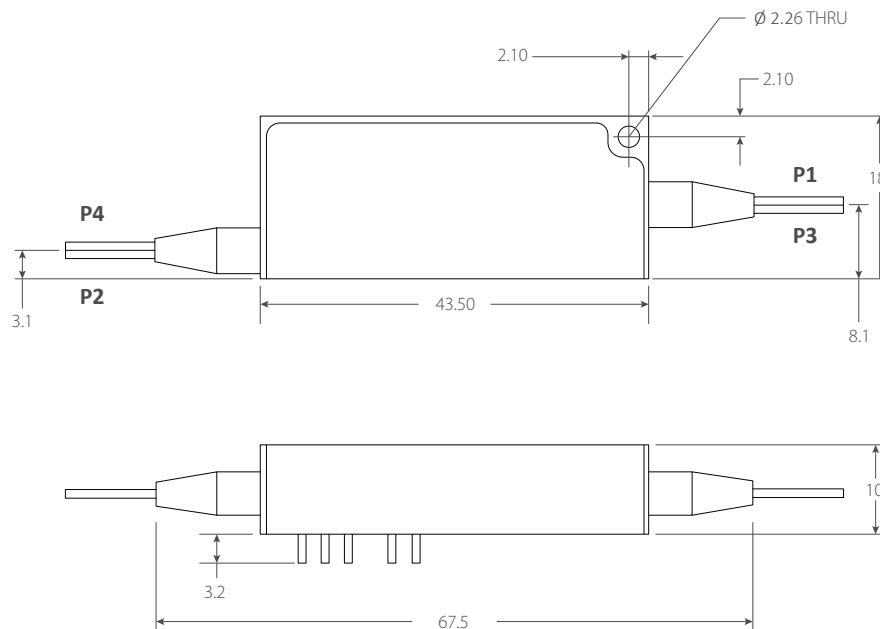
- Active optical add/drop multiplexing
- Network route switching
- Laboratory R&D



# Optical Switch/ VOA

## 1x1/ 1x2/ 2x2 Switch

### Dimensions



Unit: mm

### Parameter Specifications

Parameter Specifications	1x1	1x2	2x2
Wavelength Range	Single Window: 1310-/+40 or 1550-/+40nm, Double Window: 1310/1550-/+40nm		
Switching Time	Maximum 7.5ms		
Insertion Loss In Room Temperature	Single Window: 0.8dB, Double Window: 1.0dB		
Cross Talk	60dB		
Polarization Dependent Loss	0.10dB		
Wavelength Dependent Loss	Single Window: 0.3, Double Window: 0.4dB		
Repeatability (100 Cycles)	± 0.05dB		
Optical Return Loss	50dB		
Polarization Mode Dispersion	0.10ps		
Uniformity	0.3dB		
Cycle Rate	10Hz		
Control Pulse Width	20ms		
Life Cycles (Durability)	10 Millions		
Fiber Type	Corning Smf 28e+		
Fiber Length	1-/+0.1m		
Connector Type	Na		
Switch Type	Latching		
Switching Voltage	4.5 ~ 5.5V		
Switching Current	40mA		

Note:  
The above parameters do not include a connector, which is less than 0.2dB for a pair of connector.

# Optical Switch/ VOA

## 1x1/ 1x2/ 2x2 Switch



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### Operating Conditions

Maximum Power Handling	500mW
Operating Temperature	0 °C ~ +65°C
Storage Temperature	-40°C ~ +85°C
Operation Humidity	5% to 95% Relative Humidity



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