

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

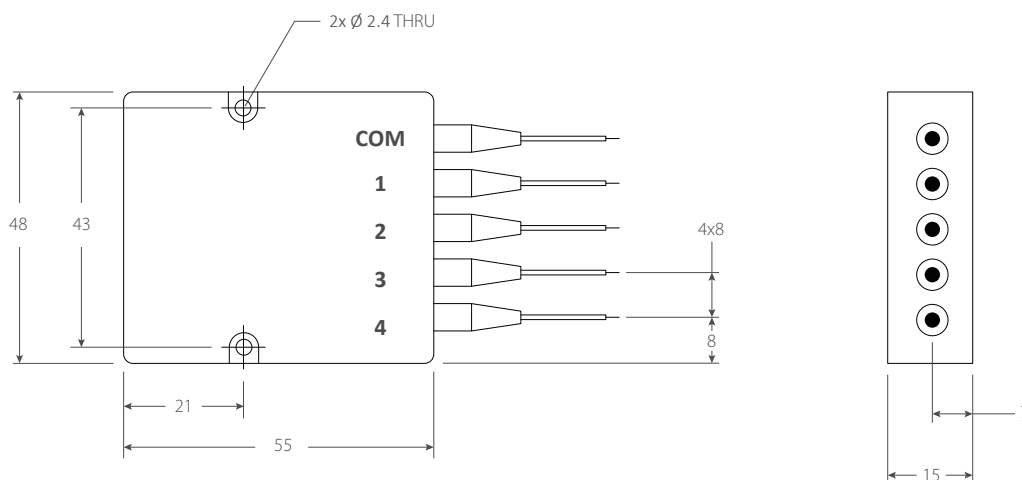
- Active optical add/drop multiplexing
- Network route switching
- Laboratory R&D



Optical Switch/ VOA

1x4 Switch

Dimensions



Unit: mm

Parameter Specifications

Wavelength Range	Single Window: 1310-/+40 or 1550-/+40nm, Double Window: 1310/1550-/+40nm
Switching Time	Maximum 8ms
Insertion Loss In Room Temperature	Single Window: 1.0dB, Double Window: 1.2dB
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	4.5V ~ 5.5V
Switching Current	<120mA

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

Optical Switch/ VOA

1x4 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



www.bizlinktech.com

OptiWorks, Inc.

47211 Bayside Parkway, Fremont, CA 94538, USA
Phone +1 510 438 4560
sales@optiworks.com

OptiWorks (Kunshan) Co., Ltd.

No. 168, Nanhe Rd., Kunshan Economic & Technology
Development Zone, Kunshan City, Jiangsu 215300, China
Phone +86 512 5763 0863
contact@optiworks.com

OptiWorks (Shanghai) Co., Ltd.

Room 810-811, Changchun Business Building,
No. 953 Qinzhou North Road, Shanghai 200233, China
Phone +86 021 6485 8787
contact@optiworks.com

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