

# 1 X 8 OPTICAL SWITCH



## Description

This 1 X 8 cross-connect optical switch is designed for network applications. It offers excellent insertion loss, repeatability and a wide operating temperature range.

## Features

- \* Low insertion loss
- \* Excellent repeatability
- \* Millisecond switching time
- \* Low polarization dependent loss
- \* Wide passband
- \* Latched at both on/off positions
- \* Low power dissipation
- \* Non-blocking
- \* Protocol and Data rate independent
- \* Switch configuration readout
- \* Multimode available upon request

## Applications

- \* Network performance monitoring
- \* Optical test and measurement
- \* Bandwidth management applications
- \* Network transmission capacity applications

## Performance Specifications @ 1550 nm

Insertion Loss	< 1.0 dB
Repeatability	± 0.02 dB
PDL	< 0.1 dB
Crosstalk	< -50 dB
Return Loss	> 50 dB
Switching Time	< 10 mS
Wavelength Range	1280-1340 nm, 1520-1625 nm
Operating Temperature	-5 to 70° C
Operating Humidity	< 90% RH, non-condensing
Input Optical Power	< 20 dBm

## Dimensions

L x W x H: 193 mm X 51 mm X 25 mm  
(7.6" X 2.0" X 1.0")

All specifications listed are subject to change without notice.

## Advanced Optical MEMS, Inc.

45 Parker, Suite B  
Irvine, CA 92618, USA  
Tel: (949) 472-3698 . Fax: (949) 472-3699  
E-mail: [info@aomems.net](mailto:info@aomems.net)

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## Ordering Information

