



## Multipurpose Optical A/B Switch

### FTTM-OSW

For HFC, RFoG, EPON architectures

#### Specification

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##### Optical and Electrical Specifications

Insertion Loss	1.5 dB typical, 2.0 dB maximum
Wavelength	1290 to 1330 nm, 1530 to 1570 nm
Input Power Range	1550 nm: -20 to 18 dBm 1310 nm: -20 to 18 dBm
Polarization Sensitivity	< 0.2 dB
Return Loss	> 50 dB
Threshold Range	-20 to +18 User Configurable Within Entire Optical Power Range
Sense and Switch Time Upon Fault	< 50 ms
Switch Restore Time When Port A Is Primary	0 to 10 min in 1-sec steps, user-selectable
Power Supply	100 to 240 V AC, 50 to 60 Hz

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##### Mechanical Specifications

Dimensions (H x W x D)	19.0 x 12.6 x 1.73 in (48.3 x 32.0 x 4.4 cm)
Weight (shipping)	>6 lb (>2.73 kg)
Operating Temperature	0° to 50° C (-32° to 122° F)
Storage Temperature	-20° to 80° C (-4° to 176° F)
Humidity	0 to 95% non-condensing, operating and storage

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# Multipurpose Optical A/B Switch Technical Specification

## Ordering Information

									<b>1</b>		<b>2</b>		<b>3</b>		<b>4</b>	<b>5</b>
<b>F</b>	<b>T</b>	<b>T</b>	-	<b>O</b>	<b>S</b>	-	<b>B</b>	-	<b>A</b>	-	<b>4</b>	-	<b>x</b>	-	<b>x</b>	<b>x</b>

1 Operating Wavelength	
A	1310 and 1550 nm

3 Optics	
1	SC/APC*

4 - 5 Power Supply	
AC	AC
DC	AC

\* Contact ARRIS for other options.

2 Number of Switches in 1RU	
4	Four-switch package

Specifications are subject to change without notice.

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