

NORTH PHOTONICS

Customer Optical Switch at any Wavelength and any Fiber

Customer Optical switches in any wavelength (300nm – 2400nm) and any types of fiber (single mode, PM, multimode fiber with fiber core size up to 1mm) are now available. With model number of **OEOFS-200**, optical switch product comes with types of OEM or turn key solution. Optical switch are mainly used in optical telecommunications, optical instrumentation, fiber sensor, biomedical and other industry application.

Features:

- Any wavelength from UV to far infrared
- Single mode, PM, multimode
- 1x2, 1x4, 1x8, 1x16,...
- Compact package
- Low insertion loss
- Module design

Applications for our optic switch:

- Network switching
- Configurable OADM
- Optical cross and connection system
- Optical fiber protector rings
- Instrumentation
- Sensor
- biomedical

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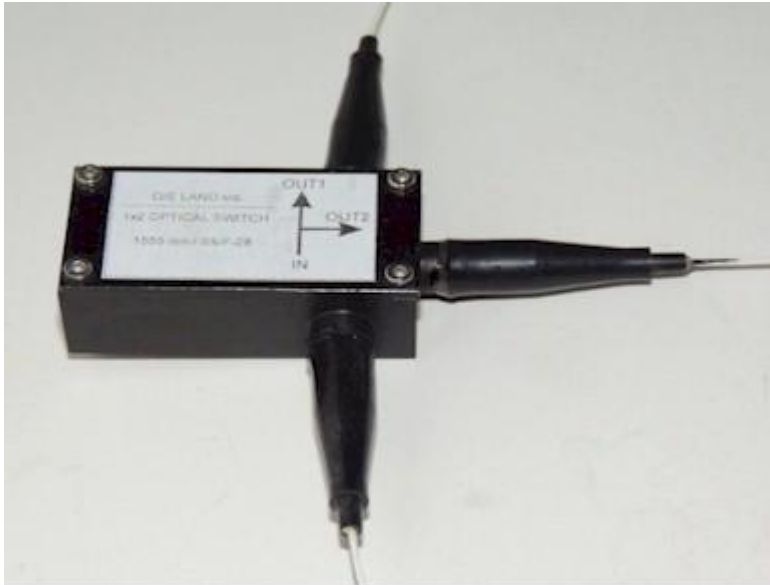


Figure1 1x2 Optical Fiber Switch

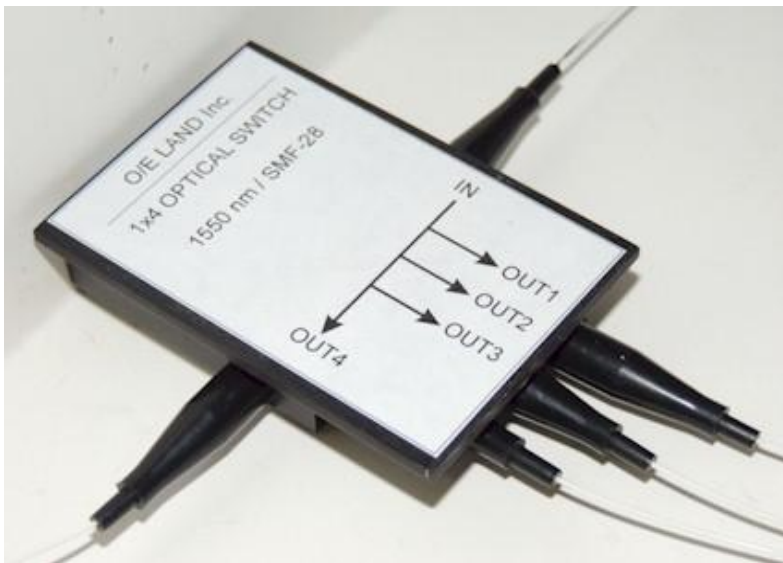


Figure 2 1x4 Optical Fiber Switch

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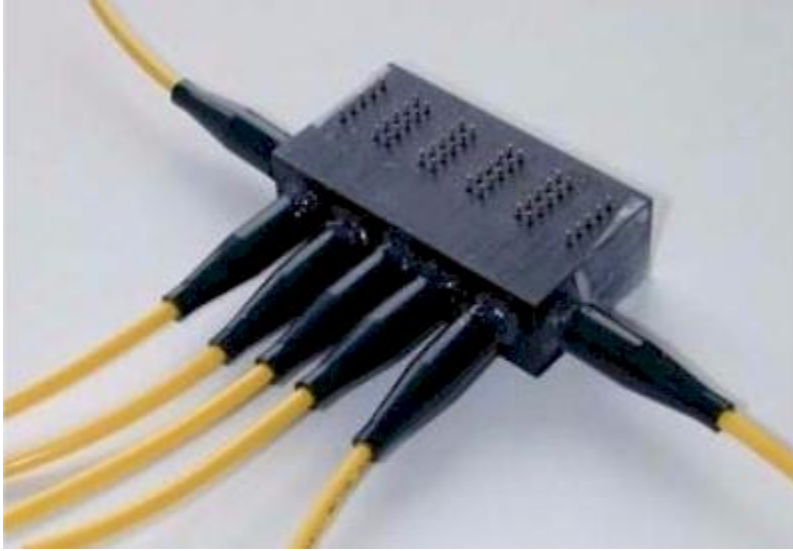


Figure 3 1x6 Optical Fiber Switch

Specifications:

Parameter	Unit	Value
Wavelength	nm	300nm ~ 2000nm
Insertion Loss	dB	<1.0 (for SM fiber)
Crosstalk	dB	> 55
Repeatability	dB	<0.1 (for SM fiber)
Switch Speed	ms	<12
Fiber Type		SM, PM, MM (up to 1mm)
Lifetime	times	>1,000,000
Operation Temperature	°C	0 ~ +50
Storage Temperature	°C	-40~+85
Dimension	mm	45x18x10 (1x2 standard)

Ordering Information:

Model: OEOFS-200 in the form of 1x1, 1x2, 1x4, 1x6, 1x8, 1x16 OEM or turn key solution

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Wavelength: 300nm-2400nm

Fiber cable diameter: 250um, 900um, 3mm or customer request

Fiber length: 1m, customer request

Connector: none, FC/PC, FC/APC, others