

[OEPAS-OFS-200]

Customer Optical Switch at any Wavelength and any Fiber

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 optical switch:

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

Product description:

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 **OEPAS-OFS-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.

Product specifications:

Parameters	Unit	OEPAS-OFS-200
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)

* Some limitations apply.

**Tuning range can significantly vary depending on FBG specifications.

*** Recommended values. The ambient environment temperature can limit the performance, incl. the tuning range.

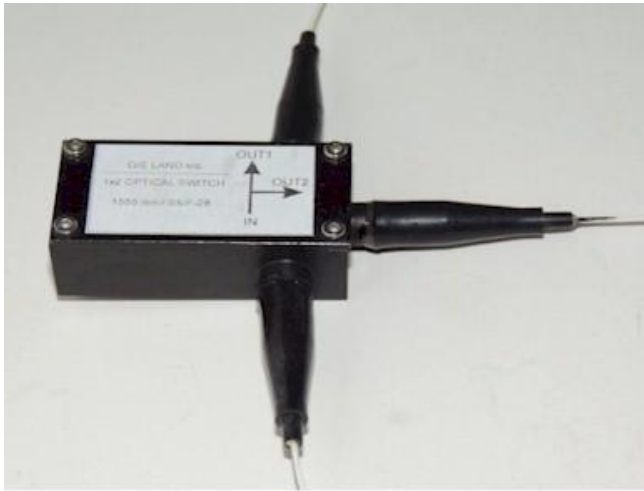


Fig1. 1x2 Optical Fiber Switch

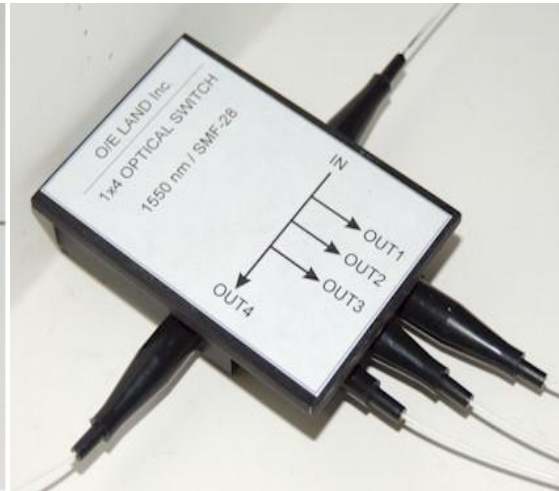


Fig2. 1x4 Optical Fiber Switch

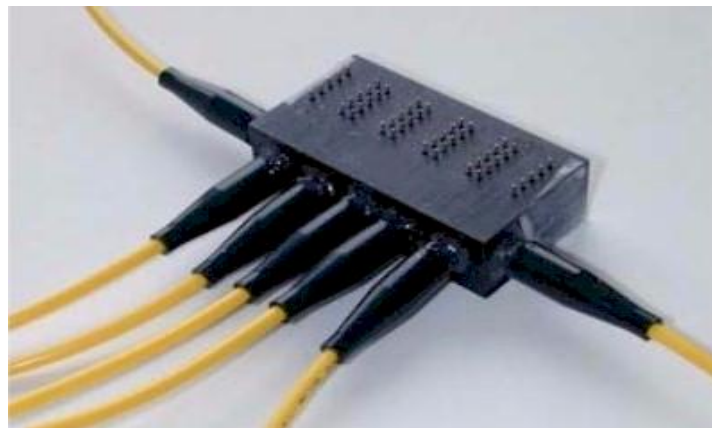


Fig3. 1x6 Optical Fiber Switch

Ordering information:

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

Wavelength: 300nm-2400nm

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

Fiber length: 1m, customer request

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