

# Data Sheet: F-OS

## (1X1, 2X1, 1X2, 2X2)



The F-OS optical switch is used for system redundancy and backup. With the use of an optical switch, a redundant signal can be routed to an active path in the event of a fault.



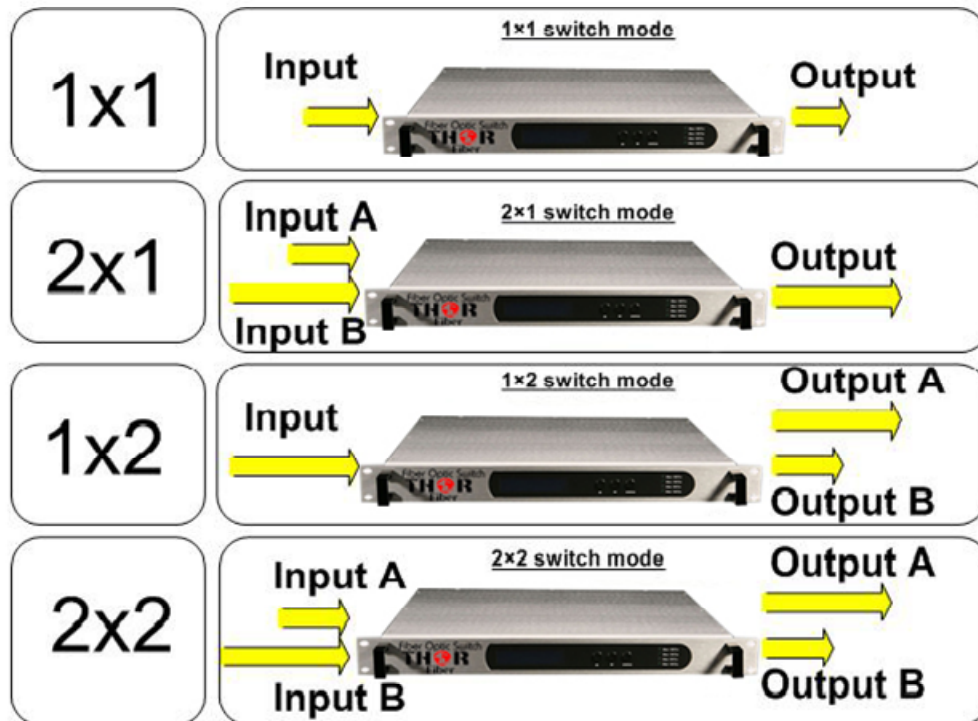
The F-OS optical switch features low insertion loss which is typically 0.6dB.

The unit offers three types of switching 1X1, 1x2, 2x1, or 2x2.

A front panel LCD provides system status and provides a means of programming the switch.

The F-OS can also be dynamically configured for CADM and OXC systems.

### Application Drawing :



## Technical Specifications

Performance	Index		
Work wavelength	1260~1360nm, 1510~1610nm, 1310nm	Polarization dependent loss	0.1dB
Input power range	-30 ~ -20dBm, -10 ~ +10dBm, +10 ~ +30dBm	Repeatability	≤± 0.02dB
Total insertion loss	2.0dB	Switch time	10ms
Switch loss	<1.0dB(type,≤0.8dB)	Voltage	135~250 VAC
Splitter loss	<0.5dB	Optical connector	FC/APC & SC/APC
Connector loss	<0.5dB	Transmission power	500mW
Echo loss	55 dB	Casing Size	19×1.75×14.2"