## Data Sheet: F-OS (1, 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.



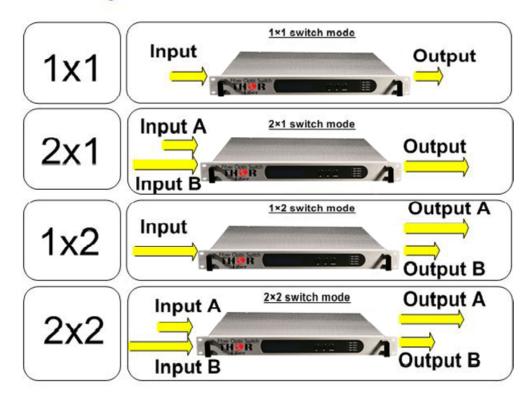
The F-OS optical switch features low insertion loss which is typically 0.6dB.

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

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

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

## **Application Drawing:**



## **Technical Specifications**

Echo loss

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

55 dB