



Product description

CL-FOS is a Automatic and Manual optical redundant failover switch 1×2, 2×1 or 2×2
It provides two diverse routes for the same link , on detection of a failure,

Application :

Optical switch switches between a fiber optics signals if one of them fails .

In Auto mode switch constantly monitors inputs optical power and when optical power drops on one of the input , it automatly switches to the second one . It is mainly used for applications that demands high reliability operation to protect the optic path, for example, CATV system head-end Optical transmitter, and self-healing circle network.

In manual mode user can switch optical signals between the sources or distribute a optical signals to 2 different receivers .

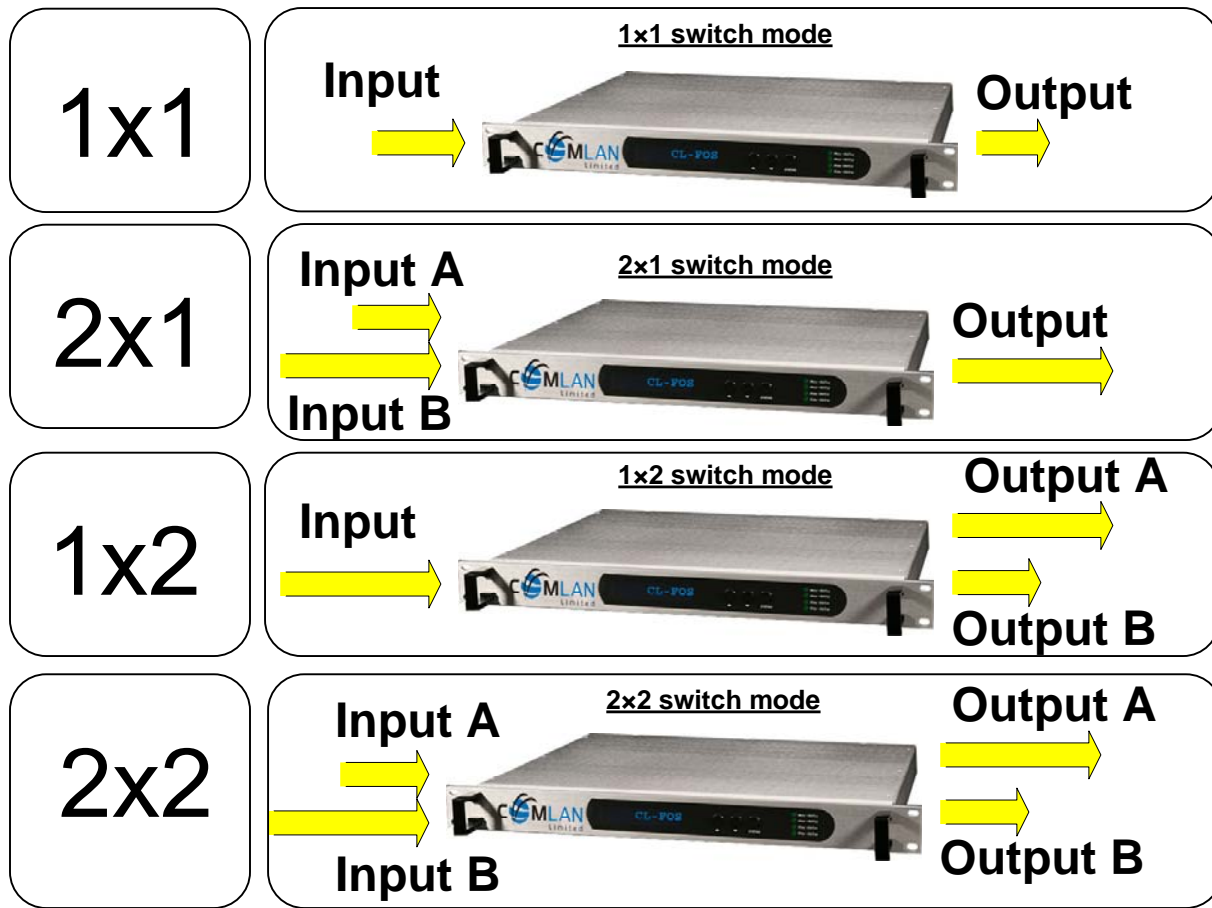
Models :

- CL-FOS1x1 (1×1) Optical Switch
- CL-FOS-2x1 (2×1) Optical Switch
- CL-FOS (1×2) Optical Switch
- CL-FOS (2×2) Optical Switch

Features :

- Automatic or manual switch setting at front panel.
- The optical power through displayed at front panel.
- very low insertion loss, Typical $\leq 0.6\text{dB}$, Maximum $\leq 1.0\text{dB}$
- Standard RS232 communication interface
- Integrate SNMP network management function.
- The switch mode is automatic or manual.
- Switch reference level can be set through front panel or Internet.
- 19" standard casing
- Independent of Data Rate, and any Wavelength
- Simple, Plug-and-play Installation
- Front Panel LED and Remote Alarm

Application Drawing :



Wavelength	1260~1360nm / 1510~1610nm / 1310nm
Input power range	-30 ~ -20dBm / -10 ~ +10dBm / +10 ~ +30dBm
Total insertion loss	2.0dB
Switch loss	≤1.0dB(type,≤0.8dB)
Splitter loss	≤0.5dB
Connector loss	≤0.5dB
Polarization loss	≤0.1dB
Repeatability	≤± 0.02dB
Switch time	≤10ms
Voltage	110~250 VAC
Optical connector	FC/APC & SC/APC
Transmission power	≤500mW
Casing Size	19×1.8×14.5"