Description

The Multicom MUL-OS-V Optical Switch ensures continuous operation using 2 optical inputs. This switch monitors and automatically switches to a backup input with any detection of optical signal loss.

In addition to the function and features of the MUL-OS-V, the enhanced MUL-OS-V-RF Optical Switch performs the same functions using the RF signal, with the ability to monitor and detect RF loss and automatically switch to a backup input.

Features

- Real-time status monitoring and detection for optical and RF signal loss with automatic switching
- Switch status control can be set to automatic or manual
- LCD monitor on the front panel displays all working parameters and alarms
- 19" 1RU height standard rack mount
- Supports online and SNMP network management

Parameter	Specification
Wavelength	1200-1600nm
Insertion loss	≤1.3 dB @1310, 1490, 1550nm
Switching time	≤500 ms
Return loss	≥ 55dB
Max input optical power	500 mW
Input optical power operating range	-15 - +24dBm
RF detection optical signal range	-2 - +24dBm (MUL-OS-RF-V version only)
Switching life	≥ 10 million
Optical connector	SC/APC, Optional: FC/APC
Supply voltage	110 - 250VAC, 50/60 Hz (48VDC Optional)
Power consumption	≤ 2W
Operating temperature range	-5 - +55°C (23 - 131°F)
Storage temperature range	-30 - +70°C (-22 - 158°F)
Max operating/storage relative humidity	95%, no condensation
Dimensions (L x W x H)	483 x 270 x 44mm (19 x 10.6 x 1.7in)

MUL-OS-V - Optical Detection
MUL-OS-V-RF - Optical & RF Detection

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