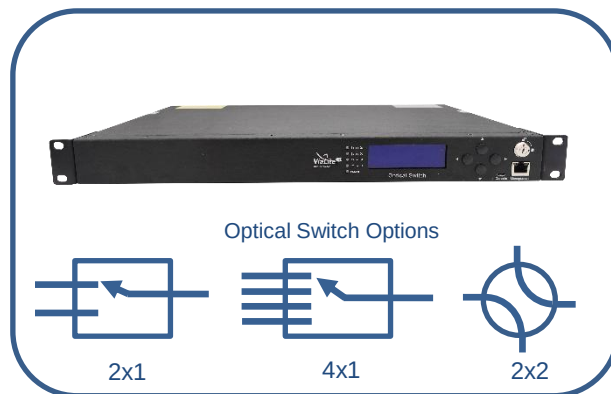


ViaLiteHD® – Optical Switch

Optical Switch

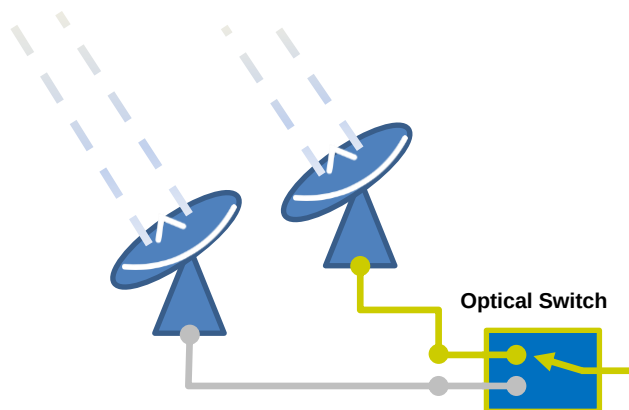
- Supports 1310 & 1550nm wavelengths
- Supports DWDM & CWDM applications
- 2x1, 2x2 & 4x1 way optical switch options
- Low insertion loss
- SNMP compatible
- Fast switching time (20 ms)
- Standard 5-year warranty



The **ViaLiteHD** Optical Switch has been designed specifically for fast switching between main and backup fiber routes. Applications include satcom diverse antenna long distance switching, GPS and telco. For satcom applications the 2x1 switch allows system configurations to be switched between local and diverse sites. Standard 2x2 and 4x1 switches are also available.

Features/Options

- Rack mountable
- Compact Design
- Stable, high speed optical switching
- Low insertion loss
- Low return loss
- RJ45 Ethernet interface
- 2x1, 2x2 & 4x1 Way Optical Switches
- Dual Redundant Power Supply



Applications

- Ka-Band diversity systems
- Fixed satcom earth stations and teleports
- Broadcast facilities
- GPS/GNSS switching
- Telco's and base stations
- VSAT hubs (IP gateways)
- Television Receive-only (TVRO)

Formats

- 1U Chassis

Technical Specifications

Performance			Index		
			Min.	Typ.	Max.
Optical Features	Wavelength	(nm)	1260		1620
	Insertion Loss	(dB)	0.5		2.0
	Return Loss	(dB)	55	60	
	Switch Crosstalk	(dB)	55	60	
	Polarization Dependent Loss (PDL)	(dB)			0.2
	Switching Time	(ms)			20
	Optical connector		SC/APC		
	Optical Input Power Options (P/Q/R)	(dBm)	-20 to 0 / -10 to +10 / 0 to +20		
General features	SNMP network management interface		10 / 100M Ethernet (RJ45)		
	AC Power Inlet Connector		IEC 60320 C14 (Fused)		
	PSU Nominal Input Voltage	(Vac)	100		240
	PSU Input Voltage Range	(Vac)	90		264
	PSU Nominal Input Frequency	(Hz)	50		60
	PSU Input Frequency Range	(Hz)	47		63
	Power consumption	(W)			30
	Operating temperature	(°C)	-5		60
	Storage temperature	(°C)	-40		85
	Working relative humidity	(%)	5		95
	Maximum Operating Altitude	(m)			2000
	Height (1U)	(mm)		43.6	
	Depth	(mm)			300.0
	Width – Front Panel	(mm)	482.6		483.0
	Width – Rear	(mm)			430.0