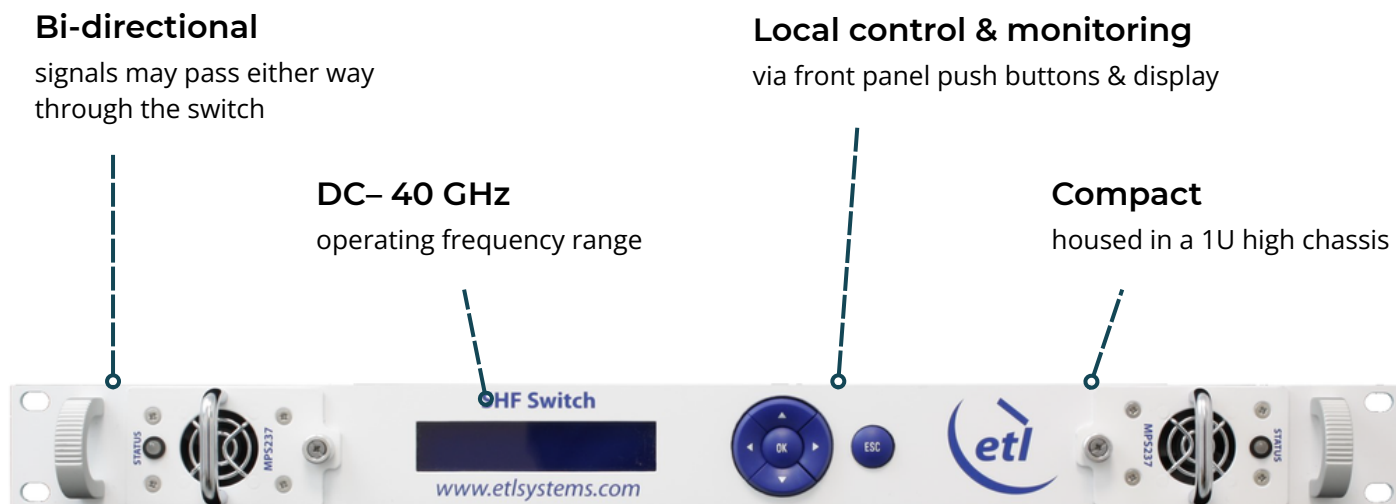


16:1 SHF (DC to 40 GHz) Bi-directional Switch

with local & remote control, monitoring via Ethernet port



RF Parameters						
Capacity	16 : 1					
Frequency Range	DC - 40 GHz					
Frequency Bands	0 - 3 dB	3 - 8 dB	8 - 12.4 dB	12.4 - 18 dB	18 - 26.5 dB	26.5 - 40 dB
Insertion loss (max)	1.2 dB	2.0 dB	2.4 dB	3.0 dB	3.5 dB	5.2 dB
Flatness	± 1.0 dB	± 1.0 dB	± 1.0 dB	3.0 dB	± 1.5 dB	± 2.4 dB
Return Loss (any port)	20 dB typ. 16 dB min.	18 dB typ. 14 dB min.	16 dB typ. 12 dB min.	14 dB typ. 10 dB min.	12 dB typ. 8 dB min.	8 dB typ. 6 dB min.
Isolation	68	70	60	60	55	45
Input RF Power	16 dBm					

System Control	
Local Control	Via front panel LCD & push buttons
Remote Control	RJ45 Ethernet port 10/100 Base T. TCP/IP, SNMP & Web browser interface.
Alarm/Monitoring	Ethernet (RJ45) & Dry contact (D-type) for PSU and summary alarms

Power	
PSU Power	85-264Vac 50-60Hz Fused 2A
AC Consumption	30W Max. consumption at steady state
PSU	Dual redundant & alarmed Diode OR. Not hot swap
LNB Power	None
Switch Life	2,000,000 cycles

Environmental	
Operating Temperature	0 to 45°C
Storage Temperature	-20°C to +75°C
Location	Indoor use only
Humidity	20 to 90% non-condensing Relative Humidity
Altitude	10,000 feet AMSL Above mean sea level

Physical	
Input & output RF connector	SMA 2.9
Input & output impedance	50Ω
Dimensions	1U high x 450mm deep x 19" wide
Weight	6 kg
Colour	White 00-E-55 semi-gloss

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.