

Model Number: 23264–XXXX

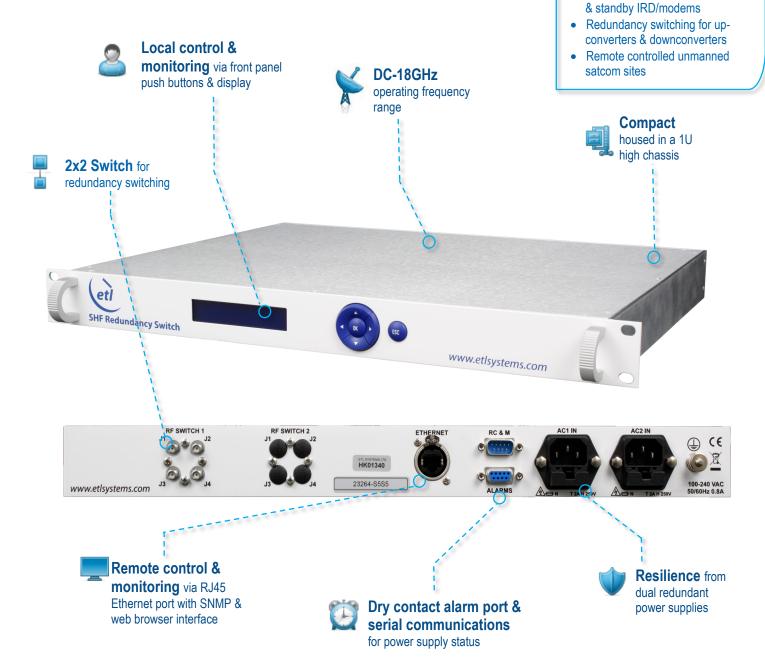
Typical applications:Signal Carrier Monitoring of

RF Switching for yachts, ships & other marine applications
 Redundancy switching for main

& standby satellite dishes Redundancy switching for main

satellite feeds.

2x2 SHF Redundancy Switch with local and remote control via Ethernet





















Technical specifications and operating parameters

RF Parameters					
Capacity		2x2 Switch			
Input & output ports		50Ω SMA		All Ports DC Pass	
Frequency Range		DC to 18 GHz			
Frequency		0 - 3 GHz	3 - 8 GHz	8 -12.4 GHz	12.4 -18 GHz
Insertion Loss	Maximum	0.2 dB	0.3 dB	0.4 dB	0.5 dB
Gain Flatness	Full	± 1.0 dB	± 1.0 dB	± 1.0 dB	± 1.0 dB
	Any 80MHz	± 0.2 dB	± 0.2 dB	± 0.2 dB	± 0.2 dB
Input Return Loss	Typical	20 dB	18 dB	16 dB	16 dB
	Minimum	18 dB	17.7 dB	14 dB	12 dB
Output Return Loss	Typical	20 dB	18 dB	16 dB	16 dB
	Minimum	18 dB	17.7 dB	14 dB	12 dB
Isolation (Max. between any two output ports)		80 dB	70 dB	65 dB	60 dB
Input RF Power		50 dBm		Absolute maximum at 25 °C	

System Control		
Local Control	Via front panel push buttons and display	
Remote Control	Via Serial port (RS232 or 422/485) and RJ45 Ethernet port.	
Alarms	Dry contact (D-type) & Ethernet (RJ45) for PSU status	

Environmental			
Operating temperature	0 to 50°C		
Location	Indoor use only		
Storage temperature	-50°C to +70°C		
Humidity	20 to 95% non-condensing		
Altitude	10,000 AMSL (Above Mean Sea Level)		

Power				
PSU Power	85-264Vac 50-60Hz	Fused 2A		
AC Consumption	30W	Max. consumption at steady state		
PSU Redundancy	Dual redundant and alarmed	Diode OR		

Physical		
Dimensions	1U high x 350mm deep x 19" wide	
Weight	5 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.









