

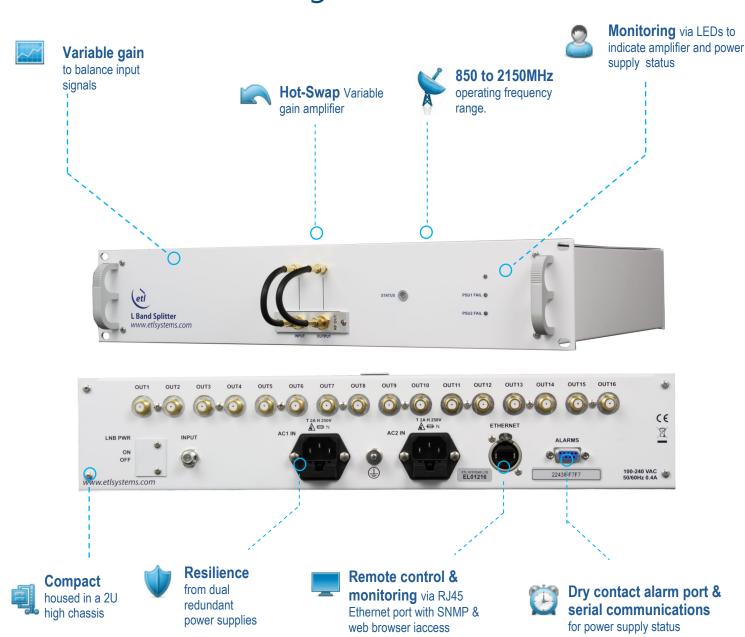
### Model Number: D0116S2ULA-22438-XXXX

# 16-way Single L-band Active Splitter

with 0-20dB variable gain

#### **Typical applications:**

- High resilience RF distribution
- Optimum satellite signal quality





## Model Number: D0116S2ULA-22438-XXXX

Single 16-way Active Splitter with 0-20dB gain

#### Technical specifications and operating parameters

			RF Paramo	eters		
Capacity		16 way Splitter				
Frequency Range		850 to 2150 MHz (L-band)				
RF Connectors		50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-type
Gain Flatness	Full band	±1.0 dB	±1.0 dB	±1.0 dB	±1.5 dB	±1.5 dB
	Any 36MHz	±0.25 dB	±0.25 dB	±0.25 dB	±0.3 dB	±0.3 dB
Input Return Loss	Typical	15 dB	15 dB	14 dB	10 dB	10 dB
	Minimum	12 dB	12 dB	11 dB	8 dB	8 dB
Output Return	Typical	18 dB	18 dB	16 dB	12 dB	10 dB
Loss	Minimum	12 dB	12 dB	12 dB	8 dB	8 dB
Gain		0-20±1.0 Mean across band				
Isolation	Typical	28dB Minimum between any two output ports				
	Minimum	24 dB Minimum between any two output ports				
Amplifier Redundancy		1:1 Dual redundant amplifier (Cold redundancy & current sensing)				
Noise Figure		17 dB				
Output 1dB GCP		2 dBm				
Input RF Power		16 dBm Absolute maximum				

Preliminary S	pecifications
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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.

Environmental		
Operating temperature	0 to 50°C	
Location	Indoor use only	
Storage temperature	-20°C to +75°C	
Humidity	85% non-condensing	

Power		
PSU Power	85-264Vac 50-60Hz (Fused 2A)	
AC Consumption	<20W (At steady state)	
LNB Power	None	
PSU	Dual redundant PSUs with dual IEC inlets	

	System Control
Display	Front panel Tri colour LEDs to indicate amplifier and unit status, red LEDs to indicate PSU failure
Remote Control & Monitoring	RJ45 Ethernet port 10/100 Base T. TCP/IP, SNMP & Web browser access.
Alarms	(Dry contact, change-over via 9w D-type) PSU1 & 2 Status, Full status & alarms also available via Ethernet interface

Physical		
Dimensions	2U high x 350mm deep x 19" wide	
Weight	8kg	
Colour	White 00-E-55 semi-gloss	











