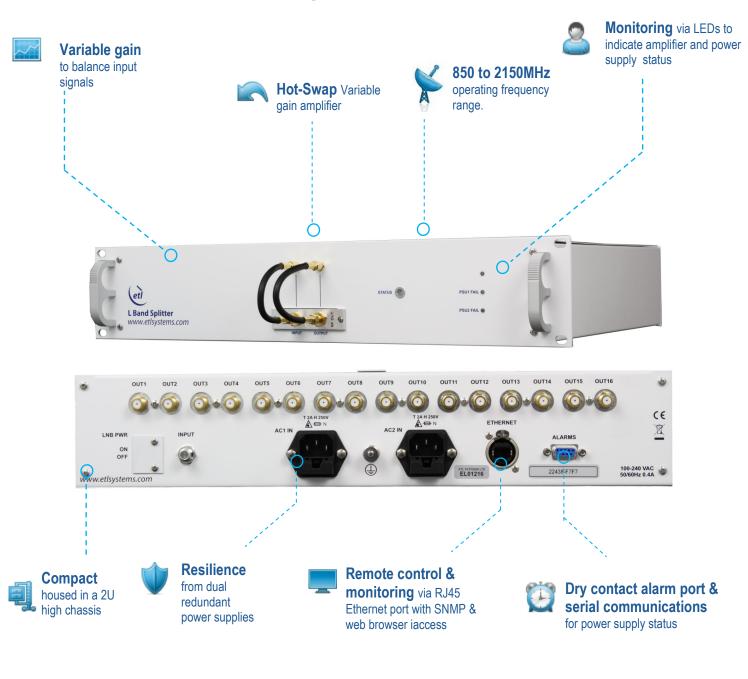


Model Number: D0116S2ULA-22438-XXXX

16-way Single L-band Active Splitter

with 0-20dB variable gain







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Model Number: D0116S2ULA-22438-XXXX

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

Technical specifications and operating parameters

			RF Param	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 Loss	Typical	18 dB	18 dB	16 dB	12 dB	10 dB	
	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					
ISUIALIUM	Minimum	um 24 dB Minimum betwee		n between any	n 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					

	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.			
Monitoring	SNMP & Web browser access. (Dry contact, change-over via 9w D-type) PSU1 & 2 Status, Full status & alarms also available via			
Monitoring	SNMP & Web browser access. (Dry contact, change-over via 9w D-type) PSU1 & 2 Status, Full status & alarms also available via Ethernet interface			
Monitoring Alarms	SNMP & Web browser access. (Dry contact, change-over via 9w D-type) PSU1 & 2 Status, Full status & alarms also available via Ethernet interface Physical			

Preliminary Specifications

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.

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