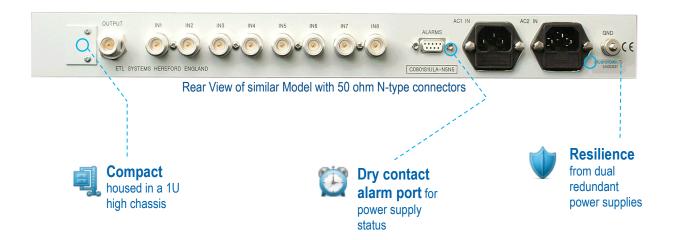


8-way Single L-band Active Combiner with 10MHz pass

Typical applications:

- Satellite operators, VSAT, teleports and broadcasters.
- High resilience RF distribution where optimum satellite signal quality is required.



















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Model Number: C0801S1ULA-22218-xxxx

Technical specifications and operating parameters

RF Parameters							
Capacity		8-way					
Frequency Range		850-2150 MHz (L-band)					
RF Connectors		50Ω SMA	50Ω BNC	75Ω BNC	75Ω F-type	50Ω N-type	
Input	Typical	14 dB	12 dB	14 dB	14 dB	12 dB	
Return Loss	Minimum	8 dB	8 dB	8 dB	8 dB	8 dB	
Output Return Loss	Typical	16 dB	15 dB	12 dB	12 dB	15 dB	
	Minimum	12 dB	12 dB	8 dB	8 dB	12 dB	
Gain		2dB ± 1dB Nominal, mean					
1dB Gain Compression		16 dBm typical, 12 dBm minimum.					
Noise Figure		20 dB					
10MHz Insertion Loss		0.5 dB typical, 2 dB maximum					
Flatness	850- 2150MHz	± 1.5 dB, ± 1 dB typical					
	Any 36MHz	± 0.5 dB					
Isolation		26 dB typical, 21 dB minimum, between any 2 output ports					
Input RF Power		+19 dBm Absolute Maximum					

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 45°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		
PSU	Dual redundant			
Hot-swap PSU	No			
MTBF	>250,000 hours			

System Control		
Alarms	Dry contact for PSU failure	
Display	Front panel LED's for power & PSU status	

Physical		
Dimensions	1U high x 450mm deep x 19" wide	
Weight	4 kg	
Colour	White 00-E-55 semi-gloss	









