



Model Number: C0801S1ULA-22247-N5N5

8-way Single L-band Active Combiner

with dual redundant amplifiers



This single 8-way L-band active combiner benefits from automatic, cold standby, dual redundant amplifiers which provide unity gain, and dual redundant power supplies for reliability in service.

Front View of Model C0801S1ULA-22247-N5N5

Front panel LED's offer a visual status for the power supplies and amplifiers. A dry contact alarm port is provided on the rear panel for power supply monitoring.



Rear View of Model C0801S1ULA-22247-N5N5

This particular unit has 50 ohm N-type connectors, but others are available (model numbers will vary).





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RF Engineering and Custom Build

Technical specifications and operating parameters

RF Parameters		
Capacity	8- way	
Frequency Range	850-2150 MHz (C-band)	
Gain	0 ± 1 dB nominal	
Flatness	850-2150 MHz	± 1 dB typical
	Any 36 MHz band	± 0.5 dB
1dB Compression	+ 5 dBm output power	
Input Return Loss	17 dB	
Output Return Loss	18 dB typical	
Amp Redundancy	15 dB typical	
Amp Redundancy	1-to-1 redundant, cold redundancy & bias sensing	

System Control	
Display	Front Panel LED's for PSU and Amplifier Monitoring
Alarms	Dry Contact Alarm on the rear panel

Environmental	
Operating temperature	0 to 45°C
Location	Indoor use only
Storage temperature	-20°C to +75°C
Humidity	85% non-condensing

Physical	
Input Connector	N-type
Input Impedance	50Ω
Output Connector	N-type
Output Impedance	50Ω
Dimensions	1U high x 450mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss (Front panel)

Power	
DC Power	85-264V AC (50/60Hz), Fused 2A
LNB Power	None
PSU	Dual Redundant
Hot-swap PSU	None

Key Features	
Dual redundant PSU's	
Automatic, cold standby, dual redundant amplifiers	
Alarm contacts for external monitoring	
LED's on the front panel indicate PSU and amplifier status	

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