



Model Number: **C0801S1ULA-N5N5**

RF Engineering  
and Custom Build

## 8-way Single L-band Active Combiner



This single 8-way L-band active combiner gives excellent return loss and flatness, and is housed in a 1U high shelf. This unit also benefits from dual redundant power supplies for reliability in service.

Front View of Model C0801S1ULA-N5N5

Monitoring of the dual redundant power supplies can be done via front panel LED's which provide a visual status of the power supplies and via a dry contact alarm port on the rear panel.



Rear View of Model C0801S1ULA-N5N5

This particular combiner is supplied with 50 ohm N-type connectors, but is available in a variety of impedances and connector types (model numbers will vary).





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### Technical specifications and operating parameters

RF Parameters		
Capacity	8- way	
Frequency Range	850-2150 MHz (L-band)	
Gain	1 dB $\pm$ 1.5 dB nominal	
Flatness	850-2150 MHz	$\pm$ 0.7 dB typical
Flatness	Any 36MHz band	$\pm$ 0.3 dB typical
1 dB Compression	+ 10 dBm	
Noise Figure	7 dB	
Input Return Loss	20 dB typical	
Output Return Loss	15 dB typical	

System Control	
Display	Front panel LED's for Power and PSU status
Alarms	Dry Contact Alarm Port on rear panel for PSU failure

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

Physical	
Connectors	N-type
Impedance	50 $\Omega$
Dimensions	1U high x 350mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss (Front panel)

Power	
AC Power	85-264V AC (50/60Hz) Fused 2A
LNB Power	None
PSU	Dual
Hot-swap PSU	No

Key Features	
Dual redundant power supplies	
Dry contact alarms for PSU failure	
LED's to monitor status of PSU's	

