



**Model Number: C1601S2ULA-22258-N5N5**

# 16-way Single L-band Active Combiner

with DC & 10MHz Pass



This single 16-way L-band active combiner is housed in a 2U shelf, covering the full range of L-band frequency 850-2150MHz, and provides DC and 10MHz pass from port 1 to the common port.

Front View of Model C1601S2ULA-22258-N5N5

The unit is fitted with dual redundant power supplies which are monitored visually by LED's on the front panel and externally via a dry contact alarm port on the rear.



Rear View of Model C1601S2ULA-22258-N5N5

This unit has 50 ohm N-type connectors, but a range of connector types and impedances are available (model numbers will vary).





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RF Engineering  
and Custom Build

16-way Single L-band Active Combiner with DC & 10MHz  
Pass

Technical specifications and operating parameters

RF Parameters		
Capacity	16- way	
Frequency Range	850-2150 MHz (L-band)	
Gain	1.5 dB $\pm$ 1 dB nominal, mean	
Flatness	850-2150 MHz	$\pm$ 1.5 dB typical
	Any Mhz. band	$\pm$ 0.35 dB
1 dB Compression	10 dBm	
Noise Figure	22 dB	
Input Return Loss	> 12 dB typical	
Output Return Loss	> 12 dB typical	
10MHz Pass	Port 1 to the common port only	
DC Pass	Port 1 to the common port only. All other ports DC blocked	
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	2U 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)	
LNB/BUC Power	None	
PSU	Dual	
Hot-swap PSU	Yes	
Key Features		

DC Pass & 10MHz pass

Dual Redundant Power Supplies

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