



Model Number: C1601S2ULA-N5N5

RF Engineering
and Custom Build

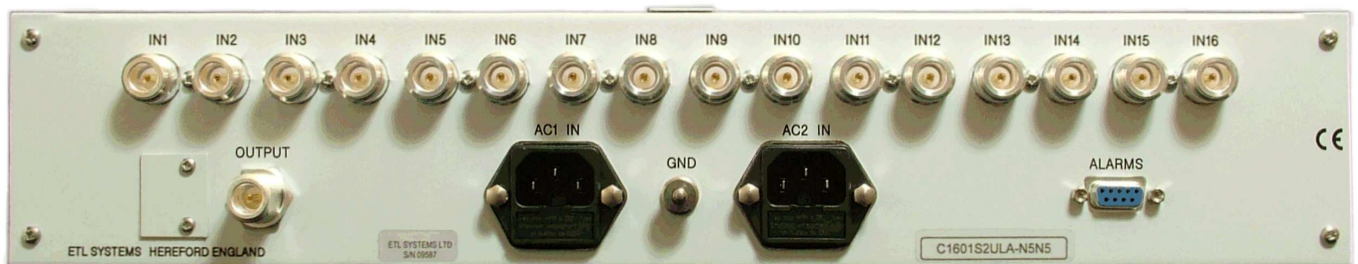
16-way Single L-band Active Combiner



This single 16-way active Combiner operates over the L-band frequency range of 850-2150MHz. It is housed in a 2U high chassis and benefits from dual redundant power supplies for reliability in service.

Front View of Model C1601S2ULA-N5N5

Front panel LED's provide a visual status of the power supplies, which can also be monitored externally via a dry contact alarm port on the rear panel.



Rear View of Model C1601S2ULA-N5N5

This particular 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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Technical specifications and operating parameters

RF Parameters		
Capacity	16- way	
Frequency Range	850-2150 MHz (L-band)	
Gain	0 dB \pm 1 dB nominal	
Flatness	850-2150MHz	\pm 0.7 dB typical
	Any 36Mhz. band	\pm 0.3 dB typical
1dB 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 & 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 Ω
Dimensions	2U high x 350mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss

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	
Alarm contacts for external monitoring of PSU's	
LED's on the front panel to monitor status of PSU's	

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