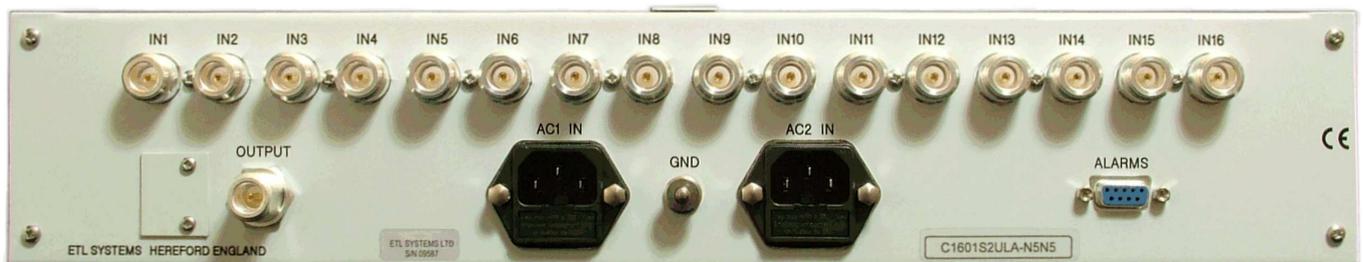# Model Number: C1601S2ULA-N5N5

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).

Technical specifications and operating parameters

RF Parameters

Capacity		16- way
Frequency Range		850-2150 MHz (L-band)
Gain		0 dB ± 1 dB nominal
Flatness	850-2150 MHz	± 0.7 dB typical
	Any 36 MHz band	± 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

Input Connector	N-type
Input Impedance	50Ω
Output Connector	N-type
Output Impedance	50Ω
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

RoHS COMPLIANT Pb

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