



Model Number: C3201S3ULA-N5N5

RF Engineering  
and Custom Build

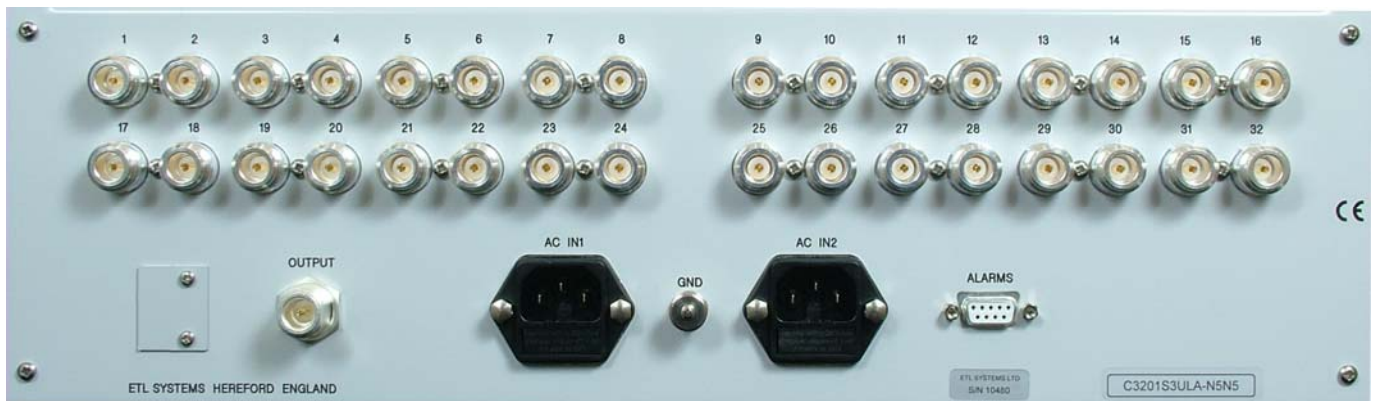
# 32-way Single L-band Active Combiner



This 32-way single L-band active combiner is housed in a 3U high, 19" rack mountable shelf and benefits from dual redundant power supplies for reliability in service.

Front View of Model C3201S3ULA-N5N5

Front panel LEDs provide a visual status for the power supplies, and monitoring can also be done via a dry contact alarm port on the rear panel for PSU failure.



Rear View of Model C3201S3ULA-N5N5

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





# Model Number: C3201S3ULA-N5N5

RF Engineering  
and Custom Build

## 32-way Single L-band Active Combiner

### Technical specifications and operating parameters

RF Parameters		
Capacity	32- way	
Frequency Range	950-2150 MHz (L-band)	
Gain	0 dB $\pm$ 2.0 dB	
Amplitude Variations	950-2150MHz	$\pm$ 1.5 dB
	Over any 36MHz	$\pm$ 0.5 dB
Noise Figure	25 dB	
Input Return Loss	12 dB	In to a 50 $\Omega$ system, 15 dB typically
Output Return Loss	12 dB	In to a 50 $\Omega$ system, 15 dB typically

System Control	
Display	Front Panel LED's for 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	50 $\Omega$
Output Connector	N-type
Output Impedance	50 $\Omega$
Dimensions	3U high x 450mm x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss (Front panel)

Power	
AC Power	85 to 264 VAC, 50/60Hz
LNB Power	None
PSU	Dual Redundant
Hot-swap PSU	No

Key Features	
Dual redundant power supplies	
Front Panel LED's for PSU status	
Dry contact alarm port for PSU failure	

ETL SYSTEMS LIMITED  
Coldwell Radio Station  
Madley  
Hereford  
England HR2 9NE

TELEPHONE  
+44 (0)1981 259020  
  
EMAIL  
info@etlsystems.com

FACSIMILE  
+44 (0)1981 259021  
  
WEB  
www.etlsystems.com

