



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

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 36 MHz band	\pm 0.35 dB
1dB 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	
Input Connector	N-type
Input Impedance	50 Ω
Output Connector	N-type
Output Impedance	50 Ω
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	

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

