



Model Number: D0116S2ULA-22200-N5N5

16-way Single L-band Active Splitter

With Dual Redundant Amplifiers



This single 16-way L-band active splitter benefits from an automatic, cold standby, dual redundant amplifier on the input which provides unity gain. The unit also has dual redundant power supplies for reliability in service.

Front View of Model D0116S2ULA-22200-N5N5

Front panel LEDs provide a visual status for the power supplies and amplifiers. A dry contact alarm port is provided on the rear panel for power supply monitoring.



Rear View of Model D0116S2ULA-22200-N5N5

This particular unit has 50 ohm N-type RF connectors, but a range of other impedances and connector types 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	0 ± 2 dB nominal, mean across band	
Flatness	850-2150MHz	± 1.5 dB
Flatness	Over Any 36MHz	± 0.5 dB
1dB Compression	+3 dBm	
Noise Figure	16 dB	
Amp Redundancy	1-to-1 redundant, cold redundancy & current sensing	
Input Return Loss	15 dB typical	
Output Return Loss	20 dB typical	

System Control	
Display	Front Panel LEDs for Powers, PSU & Amplifier 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	50Ω
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 Power	None
PSU	Dual Redundant
Hot-swap PSU	No

Key Features	
Dual Redundant amplifiers	
Dual redundant power supplies	
LED's on the front panel to indicate PSU and amplifier status	
Alarm contacts for external monitoring	

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

