



**Model Number: D0116S2ULA-N5B5-D8**

# 16-way Single L-band Active Splitter

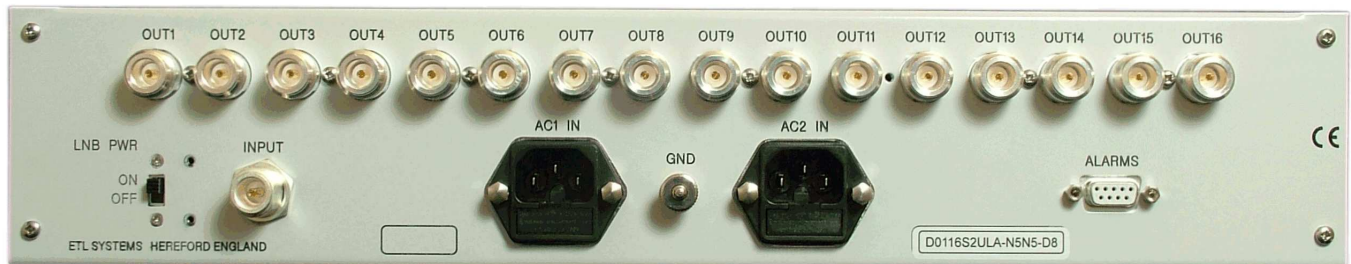
With LNB Powering



This single 16-way L-band active splitter gives excellent return loss and flatness and is housed in a 2U high shelf. This unit also benefits from dual redundant power supplies for reliability in service and switchable LNB Powering.

Front View of Model D0116S2ULA-N5B5-D8

Monitoring of the dual redundant power supplies can be done via front panel LED's which provide a visual status, and via a dry contact alarm port on the rear panel.



Rear View of Model D0116S2ULA-N5N5-D8 (with 50 ohm N-type connectors IN & OUT)

This particular splitter is supplied with 50 ohm N-type RF connectors (IN) and 50 ohm BNC RF connectors (OUT), but is available in a variety of impedances and connector types (model numbers will vary).





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16-way Single L-band Active Splitter with LNB Powering

RF Engineering  
and Custom Build

Technical specifications and operating parameters

RF Parameters		
Capacity	16- way	
Frequency Range	850-2150 MHz (L-band)	
Gain	0 dB $\pm$ 2 dB mean across band	
Flatness	850-2150MHz	$\pm$ 1.0 dB
	Over any 36MHz	$\pm$ 0.5 dB
Isolation	25 dB	
1dB Compression	0 dBm	
Noise Figure	7 dB	
Input Return Loss	15 dB typical	
Output Return Loss	15 dB typical	

System Control	
Display	Front Panel LED's for LNB 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 Connectors	N-type
Input Impedance	50 $\Omega$
Output Connectors	BNC
Output Impedance	50 $\Omega$
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), Fused 2A
LNB Power	18V switchable on/off, 500mA max
PSU	Dual Redundant
Hot-swap PSU	No

Key Features	
Dual redundant power supplies	
Switchable LNB Powering	
Front Panel LED's for LNB & PSU status	
Dry contact alarm port on rear panel 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

