



**Model Number: D0108D2ULA-F7F7-D8**

# 8-way Dual L-band Active Splitter

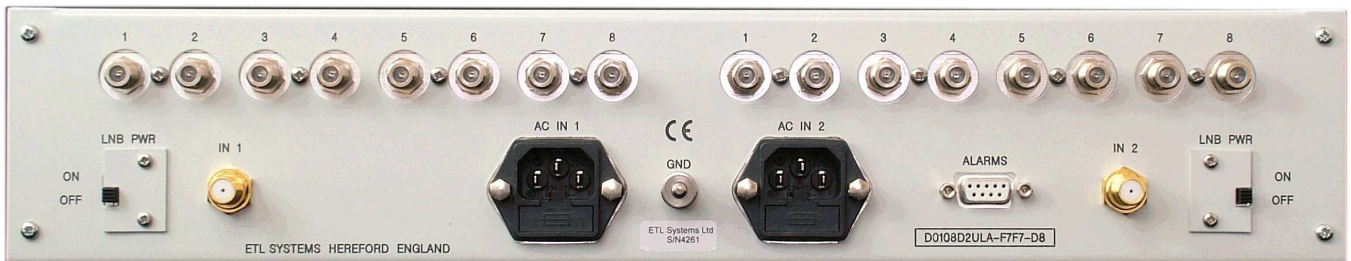
With switchable LNB Powering



This splitter shelf contains 2 of ETL's 8-way active L-band splitter modules housed in a 2U high, 19" rack mountable shelf. The unit benefits from dual redundant power supplies and switchable LNB Powering (the LNB bias for each RF input port can be switched on and off from the rear panel).

Front View of Model D0108D2ULA-F7F7-D8

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.



Rear View of Model D0108D2ULA-F7F7-D8

This particular unit has 75 ohm F-type connectors, although it is available in a variety of impedances and connector types (model numbers will vary).





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RF Engineering and Custom Build

## Technical specifications and operating parameters

RF Parameters		
Capacity	8-way Dual	
Frequency Range	850 – 2150 MHz (L-band)	
Insertion Gain	0 dB $\pm$ 2 dB nominal, mean across band	
Flatness	850-2150MHz	$\pm$ 2.0 dB
Flatness	Any 36MHz	$\pm$ 0.5 dB
1dB Compression	0 dBm	
Noise Figure	7 dB	
Input Return Loss	10 dB typical	
Output Return Loss	10 dB typical	

System Control	
Display	Front Panel LEDs 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	
Connectors	F-type
Impedance	75 $\Omega$
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 DC nominal 500mA per channel, switchable on/off at
PSU	Dual redundant
Hot-swap PSU	No

## Key Features

- Dual redundant power supplies
- Front panel LEDs for PSU monitoring
- Dry contact alarm port for PSU failure

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