



Model Number: D0108S1ULA-N5N5-D8

8-way Single L-band Active Splitter

With switchable LNB Powering



Front View of Model D0108S1ULA-N5N5-D8

This single 8-way L-band active splitter gives excellent return loss and flatness and is housed in a 1U high shelf. This unit also benefits from dual redundant power supplies for reliability in service and switchable LNB Powering.

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 D0108S1ULA-F7F7-D8 (with 75 ohm F-type connectors)

This particular splitter is supplied with 50 ohm N-type RF connectors, but 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		
Frequency Range	850-2150 MHz (L-band)		
Gain	1 dB \pm 1 dB mean across band	\pm 2 dB max	
Frequency Response	Over 850-2150MHz	\pm 1.5 dB	\pm 1 dB typical
	Over and 36MHz	\pm 0.50 dB	
1dB Compression	0 dBm min		
Noise Figure	9 dB max		
Input Return Loss	12 dB typical		
Output Return Loss	12 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 Connector	N-type	
Input Impedance	50 Ω	
Output Connector	N-type	
Output Impedance	50 Ω	
Dimensions	1U high x 350mm deep x 19" wide	450mm deep chassis may be used
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

- Housed in a compact 1U high rack
- Dual redundant power supplies
- Switchable LNB Powering
- Front Panel LED's for power & PSU status

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