



**Model Number: D0104S1ULA-N5N5-D8**

# 4-way Single L-band Active Splitter

with switchable LNB powering



Front view of Model D0104S1ULA-N5N5-D8

This single 4-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 similar model with 50 ohm N-type connectors (IN) and 75 ohm F-type connectors (OUT)

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

4-way single L-band Active Splitter with switchable LNB powering

## Technical specifications and operating parameters

RF Parameters		
Capacity	4-way	
Frequency Range	850-2150 MHz (L-band)	
Gain	1.5 dB $\pm$ 1.5 dB	
Flatness	850MHz-2150 MHz	$\pm$ 1.0 dB typical
	Any 36MHz band	$\pm$ 0.5 dB
1dB Compression	0 dBm	
Input Return Loss	12 dB typical	
Output Return Loss	10 dB typical	

Environmental	
Operating temperature	0 to 45°C
Location	Indoor use only
Storage temperature	-20°C to +75°C
Humidity	85% non-condensing

Power	
AC Power	85-264V AC (50/60Hz)
LNB Power	18V nominal, 500mA per channel
PSU	Dual Redundant
Hot-swap PSU	No

Physical	
Input Connector	N-type
Input Impedance	50 $\Omega$
Output Connector	N-type
Output Impedance	50 $\Omega$
Dimensions	1U high x 350mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss (front panel)

System Control	
Display	Front panel LED's for Power & PSU status
Alarms	Dry contact alarm port on rear panel for PSU failure

Key Features	
Switchable LNB powering	
Dual redundant power supplies	
Dry contact alarm for PSU failure	
LEDs for PSU monitoring	

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