



**Model Number: D0116S2ULA-22250-N5N5**

# 16-way Single L-band Active Splitter

With DC & 10MHz Pass



This ETL single 16-way L-band active Splitter is housed in a 2U, 19" rack mountable shelf and passes DC and 10MHz from a modem to the common port via output port 1.

Front View of Model D0116S2ULA-22250-N5N5

The unit benefits from dual redundant power supplies, which are monitored by LED's on the front panel and via a dry contact alarm port on the rear.



Rear View of Model D0116S2ULA-22250-N5N5

This particular unit is supplied with 50 ohm N-type RF connectors, but is available in a variety of impedances and connector types (model number 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		1 dB $\pm$ 1 dB nominal, mean across band	
Flatness	850-2150MHz	$\pm$ 1.25 dB	$\pm$ 1.0 dB typical
	Over any 36MHz	$\pm$ 0.35 dB	
1dB Compression		0 dBm	
Isolation		25 dB	
10MHz Pass		<1 dB insertion loss	Port 1 to common port only
DC Pass		Yes	Port 1 to the common port only. All other ports DC blocked
Noise Figure		13 dB	10 dB typical
Input Return Loss		> 12 dB	15 dB typical
Output Return Loss		> 12 dB	15 dB typical

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 $\Omega$
Input Connector	N-type
Input 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)
LNB Power	None
PSU	Dual redundant
Hot-swap PSU	No

System Control	
Display	Front panel LEDs for Power & PSU
Alarms	Dry contact alarm port on rear

Key Features	
DC & 10MHz Pass	
Dual redundant power supplies	
Front panel LEDs for PSU status	
Dry contact alarm port for PSU failure	

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