



**Model Number: D0116S2ULA-22200-S5S5**

# 16-way Single L-band Active Splitter

With Dual Redundant Amplifiers



This single 16-way L-band active splitter benefits from an automatic, cold standby, dual redundant amplifier on the input which provides unity gain. The unit also has dual redundant power supplies for reliability in service.

Front View of Model D0116S2ULA-22200-S5S5

Front panel LEDs provide a visual status for the power supplies and amplifiers. A dry contact alarm port is provided on the rear panel for power supply monitoring.



Rear View of Similar Model

This particular unit has 50 ohm SMA RF connectors, but a range of other impedances and connector types are available (model numbers will vary).





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RF Engineering and Custom Build

Technical specifications and operating parameters

## PRELIMINARY SPECIFICATIONS

RF Parameters		
Capacity	16- way	
Frequency Range	850-2150 MHz (L-band)	
Gain	0 ± 2 dB nominal, mean across band	
Flatness	850-2150MHz	± 1.5 dB
	Over Any 36MHz	± 0.5 dB
Noise Figure	16 dB	
Input Return Loss	15 dB typical	
Output Return Loss	20 dB typical	

System Control	
Display	Front Panel LED's for LNB Power & PSU status

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	SMA
Input Impedance	50Ω
Output Connector	SMA
Output Impedance	50Ω
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	None

Key Features	
Dual Redundant amplifiers	
Dual redundant power supplies	
LED's on the front panel to indicate PSU and amplifier status	
Alarm contacts for external monitoring	

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