



Model Number: D0116S2ULA-22230-F7F7

16-way Single L-band Active Splitter

With dual redundant amplifiers, 12dB gain & DC Pass from port 1 to the common port



Front View of Model D0116S2ULA-22230-F7F7

This high resilience single 16-way L-band high gain active splitter benefits from dual redundant amplifiers and dual redundant power supplies. It also passes DC from Port 1 to the Common port for LNB powering.

Amplifier current sensing triggers the automatic switchover to the (cold standby) redundant amplifier.

Front panel LED's provide a visual status for the power supplies and amplifiers. Remote monitoring is available via dry contact alarm and Ethernet ports on the rear panel.

Fifteen of the output ports on this unit are DC blocked but port 1 passes DC power to the input from an external source.



Rear View of Model D0116S2ULA-22230-F7F7

The splitter 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	16- way	
Frequency Range	850-2150 MHz (L-band)	
Gain	12 dB \pm 2 dB	
Flatness	850-2150MHz	\pm 2.0 dB typical
	Over any 36MHz	\pm 0.6 dB
Isolation	25 dB	
1dB Compression	0 dBm	
Noise Figure	14 dB	
DC Pass	From Port 1 to the Common Port	
Amplifier Redundancy	1-to-1 redundant (cold standby)	Auto switchover based on current sensing
Input Return Loss	12 dB typical	
Output Return Loss	12 dB typical	

Physical	
Input Connector	F-type
Input Impedance	75 Ω
Input Connector	F-type
Input Impedance	75 Ω
Dimensions	2U high x 350mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss (Front panel)

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

System Control	
Display	Front panel LEDs for Power, Amplifier and PSU status
Alarms	Dry contact alarm port on rear panel for PSU failure

Power	
AC Power	85-264V AC (50/60Hz) Fused 2A
LNB Power	None
PSU	Dual redundant
Hot-swap PSU	No

Key Features	
Dual redundant amplifiers	
DC Pass from Port 1 to the Common Port	
Dual redundant power supplies	
12dB Gain	

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