



Model Number: D0132S3ULA-F7F7-D8

32-way Single L-band Active Splitter

With switchable LNB Powering



This unit contains an ETL 32-way active splitter housed in a 3U high, 19" rack mountable shelf. The unit benefits from dual redundant power supplies and switchable LNB powering (the LNB bias for each RF input port can be switched on and off from the rear panel).

Front View of Model D0132S3ULA-F7F7-D8

Front panel LEDs provide a visual status for the power supplies, and monitoring can also be done via a dry contact alarm port on the rear panel.



Rear View of Model D0132S3ULA-B7B7-D8 (with 75 ohm BNC connectors)

This particular unit has 75 ohm F-type connectors, although it is available in a range of impedances and connector types (model numbers will vary).





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RF Engineering and Custom Build

Technical specifications and operating parameters PRELIMINARY SPECIFICATIONS

RF Parameters			
Capacity	32- way		
Frequency Range	950-2150 MHz (L-band)		
Gain	0 dB \pm 2 dB nominal, mean across band		
Flatness	950-2150MHz	\pm 1.25 dB	\pm 0.75 dB typical
	Over any 36MHz	\pm 0.5 dB	
1dB Compression	0 dBm		
Noise Figure	9 dB		
Input Return Loss	11 dB typical		
Output Return Loss	12 dB typical		

Physical	
Input Connector	F-type
Input Impedance	75 Ω
Output Connector	F-type
Output Impedance	75 Ω
Dimensions	3U high x 450mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss, front panel

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

Power	
AC Power	85-264V AC (50/60Hz)
LNB Power	18V nominal, switchable on/off
PSU	Dual redundant
Hot-swap PSU	No

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

Key Features	
Dual redundant power supplies	
Switchable LNB Powering	
Front Panel LEDs for PSU status	
Dry contact alarm port on rear panel for PSU failure	

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