



Model Number: D0116S1ULA-N5N5-XPSU

16-way Single L-band Active Splitter

Powered by an external Power Supply



Front View of Model D0116S1ULA-N5N5-XPSU

This 16-way active L-band Splitter is housed in a 1U shelf, and is powered by an external DC supply, such as the ETL Splitter PSU, model 2756. This external power supply system makes economic sense if 3 or more splitter shelves are in use (compared to an integral PSU system).

This particular unit has 50 ohm N-type connectors, although it is available 75 and 50 ohm impedances and a variety of connector types (model numbers will vary).



Rear View of Model D0116S1ULA-N5N5-XPSU

ETL also provide 16-way splitters with integral dual redundant power supplies and switchable LNB Powering (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	0 dB \pm 2.0 dB	
Flatness	850MHz-2150 MHZ	\pm 1.0 dB typical
1 dB compression	+5 dBm	
Noise Figure	7 dB	
Isolation	25 dB	
Input Return Loss	20 dB typical	
Output Return Loss	23 dB typical	

System Control	
Display	Front panel LED for Power status

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

Physical	
Connectors	N-type
Impedance	50 Ω
Dimensions	1U high x 350mm deep x 19" wide
Weight	6 kg
Colour	White 00-E-55 semi-gloss (Front panel)

Power	
DC Power	12-20 V dc, nominal 18V (requires external PSU)
LNB Power	None
PSU	None
Hot-swap PSU	N/A

Key Features	
Compact 1U housing	
Front Panel LED for power status	

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