



Model Number: D0116S2ULA-N5B5

RF Engineering
and Custom Build

16-way Single L-band Active Splitter



This single 16-way L-band active splitter is housed in a 2U high shelf. The unit benefits from dual redundant power supplies for reliability in service.

Front View of Model D0116S2ULA-N5B5

Monitoring of the dual redundant power supplies can be done via front panel LEDs which provide a visual status of the power supplies and via a dry contact alarm port on the rear panel.



Rear View of Model D0116S2ULA-N5N5 (with 50 ohm N-type connectors IN & OUT)

This particular unit is supplied with 50 ohm N-type RF connectors (IN) and 50 ohm BNC RF connectors (OUT), but is available in a variety of impedances and connector types (model numbers will vary).





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Technical specifications and operating parameters

RF Parameters		
Capacity		16- way
Frequency Range		850-2150 MHz (L-band)
Gain		0 dB \pm 2 dB nominal mean across band
Flatness	850-2150MHz	\pm 1.0 dB
	Over any 36MHz	\pm 0.5 dB
Isolation		25 dB
1dB Compression		0 dBm
Noise Figure		7 dB
Input Return Loss		15 dB typical
Output Return Loss		15 dB typical
System Control		
Display		Front Panel LED's for Power & PSU status
Alarms		Dry contact alarm port on rear panel for PSU failure
Environmental		
Operating temperature		0 to 45°C
Location		Indoor use only
Storage temperature		-20°C to +75°C
Humidity		85% non-condensing
Physical		
Input Connectors		N-type
Input Impedance		50 Ω
Output Connectors		BNC
Output Impedance		50 Ω
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), Fused 2A
LNB Power		None
PSU		Dual Redundant
Hot-swap PSU		No
Key Features		
Dual redundant power supplies		
Front Panel LED's for Power & PSU status		
Dry contact alarm port for PSU failure		

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