



Model Number: D0116S2ULA-22250-N5N5

16-way Single L-band Active Splitter

With DC & 10MHz Pass



This ETL single 16-way L-band active Splitter is housed in a 2U, 19" rack mountable shelf and passes DC and 10MHz from a modem to the common port via output port 1.

Front View of Model D0116S2ULA-22250-N5N5

The unit benefits from dual redundant power supplies, which are monitored by LED's on the front panel and via a dry contact alarm port on the rear.



Rear View of Model D0116S2ULA-22250-N5N5

Is particular unit is supplied with 50 ohm N-type RF connectors, but is available in a variety of impedances and connector types (model number 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	1 dB \pm 1 dB nominal, mean across band
Isolation	25dB
Flatness	850-2150MHz \pm 1.0 dB typical
Flatness	Over any 36MHz \pm 0.35 dB
1dB Compression	0 dBm
Noise Figure	10 dB typical
Isolation	25 dB
10MHz Pass	<1 dB insertion loss (Port 1 to common port only)
DC Pass	Yes (Port 1 to the common port only. All other ports DC blocked)
Input Return Loss	15 dB typical
Output Return Loss	15 dB typical

System Control

Display	Front panel LEDs 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

Connectors	N-type
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)
LNB Power	None
PSU	Dual redundant
Hot-swap PSU	No

Key Features

Dual redundant power supplies

DC & 10MHz Pass

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