



**Model Number: D0116S1ULA-22235-B5B5**

# 16-way Single L-band Active LD Series Splitter

with switchable LNB Powering



The compact 16-way active splitter is part of the LD Splitter Series and is designed to provide affordable L-band splitting in a 1U high, 19" rack mountable chassis.

Front View of Model D0116S1ULA-22235-B5B5

Covering the full range of L-band, 850-2150MHz, this shelf also offers dual redundant power supplies, and is also able to offer switchable LNB powering.

Front panel LED's indicate the condition of the dual redundant power supplies and the status of the LNB bias.



Rear View of a 16-way Compact LD Series Active Splitter showing switchable LNB Powering

This particular unit is supplied with 50 ohm BNC RF connectors, but is available in a range of impedances and RF connectors (not N-type RF connectors).





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## Technical specifications and operating parameters

### RF Parameters

Capacity	16-way
Frequency Range	850-2150 MHz (L-band)
Gain	0 dB $\pm$ 1.5 dB mean across band
Flatness	$\pm$ 1.0 dB
1dB Compression	-5 dBm
Noise Figure	12 dB
Isolation	25 dB (between any 2 output ports)
Input Return Loss	15 dB typical
Output Return Loss	18 dB typical

### System Control

Display	Front Panel LED's for LNB Power & PSU status
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### Environmental

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

### Physical

Input Connector	BNC
Input Impedance	50 $\Omega$
Input Connector	BNC
Input Impedance	50 $\Omega$
Dimensions	1U high x 200mm deep x 19" wide
Weight	2 kg
Colour	White 00-E-55 semi-gloss (Front panel)

### Power

AC Power	85-264V AC (50/60Hz), Fused 2A
LNB Power	18V switchable on/off, 310 mA max
PSU	Dual redundant
Hot-swap PSU	None

### Key Features

Housed in a compact 1U high rack
Dual redundant power supplies
Switchable LNB Powering
Front Panel LED's for LNB & PSU status

