



**Model Number: D0108S1ULA-22245-S5S5**

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

with switchable LNB Powering



The compact 8-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 D0108S1ULA-22245-S5S5

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 Model D0108S1ULA-22245 with 75 ohm BNC connectors

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



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RF Engineering and Custom Build

## Technical specifications and operating parameters

RF Parameters	
Capacity	8- way
Frequency Range	850-2150 MHz (L-band)
Gain	0 dB $\pm$ 1.5 dB nominal, mean across band
Flatness	850-2150MHz $\pm$ 1.0 dB typical
1dB Compression	-5 dBm
IP3	5 dBm
Noise Figure	10 dB
Isolation	25 dB (between any 2 output ports)
Input Return Loss	15 dB typical
Output Return Loss	18 dB typical

Power	
AC Power	85-264V AC (50/60Hz), Fused 2A
LNB Power	18V DC, 310 mA via common port, switchable on/off
PSU	Dual redundant
Hot-swap PSU	No

System Control	
Display	Front Panel LED's for Power & PSU status
Local Control	LNB Powering switch on rear panel

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	SMA
Input Impedance	50 $\Omega$
Output Connector	SMA
Output Impedance	50 $\Omega$
Dimensions	1U high x 220mm deep x 19" wide
Weight	2 kg
Colour	White 00-E-55 semi-gloss

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



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