



Model Number: D0104S1ULA-22239-S5S5

4-way Single L-band Active LD Series Splitter

With switchable LNB Powering



The compact 4-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 D0104S1ULA-22239-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 LD Series Splitter showing switchable LNB Powering

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

PRELIMINARY SPECIFICATIONS

RF Parameters	
Capacity	4- way
Frequency Range	850-2150 MHz (L-band)
Gain	0 ± 1.5 dB nominal
Flatness	850MHz-2150 MHz ± 1.0 dB typical
1dB compression	0 dBm
Noise Figure	12 dB
Input Return Loss	15 dB typical
Output Return Loss	18 dB typical

System Control	
Display	Front panel LEDs for Power and 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 Connectors	SMA
Input Impedance	50Ω
Output Connectors	SMA
Output Impedance	50Ω
Dimensions	1U high x 220mm deep x 19" wide
Weight	2 kg
Colour	White 00-E-55 (semi-gloss)

Power	
AC Power	85-264V AC (50/60Hz)
LNB Power	18V DC nominal, 310mA per channel, switchable on/off
PSU	Dual Redundant
Hot-swap PSU	None

Key Features	
Housed in Compact 1U high rack	
PSU alarms via LED's on front panel	
Status of LNB via LED on front panel	
Dual redundant PSU's	

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