



Model Number: D0104S1ULA-22239-B7B7

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-B7B7

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 D0104S1ULA-22239 with 75 ohm F-type connectors

This particular unit is supplied with 75 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	4-way	
Frequency Range	850-2150 MHz (L-band)	
Gain	0 dB \pm 1.5 dB nominal	
Flatness	Full Band	\pm 1.5 dB
	Any 36MHz	\pm 0.3 dB
Noise Figure	12 dB	
1dB Compression	0 dBm	
Input Return Loss	Typical	12 dB
	Minimum	7 dB
Output Return Loss	Typical	15 dB
	Minimum	10 dB
Group Delay Variation	Full Band	2 ns maximum
	Any 36MHz	1 ns maximum
Isolation	25 dB	
OIP3	+12 dBm	

Environmental	
Operating temperature	0 to 50°C
Location	Indoor use only
Storage temperature	-20°C to +75°C
Humidity	85% non-condensing

Power	
AC Power	85-264V AC (50/60Hz)
LNB Power	18V DC, 310mA via common port, switchable on/off
PSU	Dual Redundant with single IEC inlet
Hot-swap PSU	None

Physical	
Input Connector	BNC
Input Impedance	75Ω
Output Connector	BNC
Output Impedance	75Ω
Dimensions	1U high x 200mm deep x 19" wide
Weight	2 kg
Colour	White 00-E-55 semi-gloss (front panel)

System Control	
Display	Front panel LEDs to indicate PSU1, PSU2, LNB supply on.
Local Control	LNB Powering switch on rear panel

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



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