

## Model Number: D0108S1ULA-22245-B5B5

## 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-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.

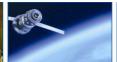


Rear View of Model D0108S1ULA-22245 with 75 ohm BNC connectors

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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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 ± 1.5 dB nominal, mean across band		
Flatness	850-2150MHz	± 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		15 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 Connectors	BNC	
Input Impedance	50Ω	
Output Connector	BNC	
Output Impedance	50Ω	
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







