



Model Number: D0108S2ULA-22223-xxxx

8-way Single L-band Active Splitter

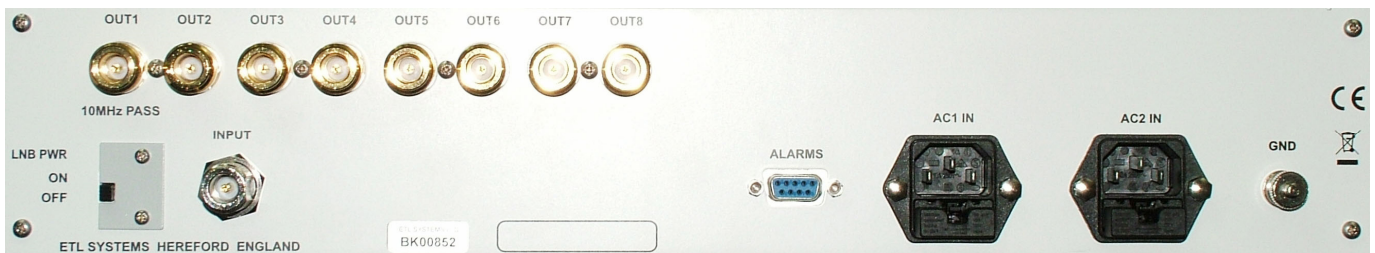
With LNB Powering & 10MHz Pass



This single 8-way active L-band splitter operates over the 850-2150MHz frequency range and benefits from switchable LNB powering and 10MHz pass (from port 1 to RF input).

Front View of Model D0108S2ULA-22223-xxxx

The unit is fitted with dual redundant power supplies for reliability in service, which can be visually monitored via front panel LEDs and remotely via a dry contact alarm port on the rear panel.



Rear View of Model D0108S2ULA-22223-xxxx

This unit is available in a variety of RF connectors and impedances (model numbers will vary).



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8-way Single L-band Active Splitter with LNB Powering & 10MHz Pass

RF Engineering and Custom Build

Technical specifications and operating parameters

RF Parameters					
Capacity	8-way		All ports are DC blocked		
Frequency Range	850-2150 MHz (L-band)				
RF Connectors	50Ω SMA	50Ω BNC	75Ω BNC	75Ω F-type	50Ω N-type
Input Return Loss	12 dB	12 dB	10 dB	10 dB	12 dB
Output Return Loss	18 dB	15 dB	12 dB	12 dB	18 dB
Gain	0 ± 2 dB nominal, mean across band				
Flatness	850-2150MHz	±2.0 dB		±1.25 dB	
	Any 36MHz	±0.5 dB			
1 dB Compression	0 dBm				
Noise Figure	7 dB				
10MHz Signal	10MHz signal passed from output port 1 to common with 3 dB ± 1 dB insertion loss				
LNB Power	18V nominal		500mA max, per channel. Switchable on/off. LNB power on the input port		

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

System Control	
Display	Front Panel LED's for Power & PSU status
Alarms	Dry contact alarm port on rear panel for PSU failure

Physical	
Dimensions	2U high x 350mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss

Power		
AC Power	85-264Vac 50-60Hz, Fused 2A	
PSU	Dual redundant	Diode OR Dual IEC
Hot-swap PSU	No	

Key Features	
Switchable LNB Powering	
10MHz pass (1 port)	
Dual redundant power supplies	



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