



Model Number: D0132S3ULA-XXXX-D8

32-way Single L-band Active Splitter

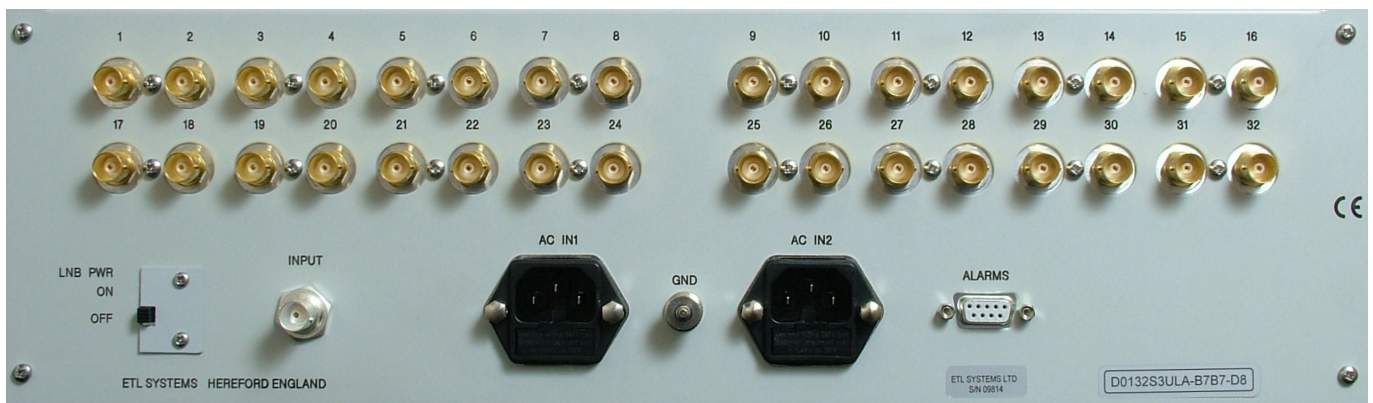
With switchable LNB Powering



This unit contains an ETL 32-way active splitter housed in a 3U high, 19" rack mountable shelf. The unit benefits from dual redundant power supplies and switchable LNB powering (the LNB bias for each RF input port can be switched on and off from the rear panel).

Front View of Model D0132S3ULA-XXXX-D8

Front panel LEDs provide a visual status for the power supplies, and monitoring can also be done via a dry contact alarm port on the rear panel.



Rear View of Model D0132S3ULA-B7B7-D8 (with 75 ohm BNC connectors)

This unit is available in a range of impedances and connector types (model numbers will vary).



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32-way Single L-band Active Splitter with switchable LNB Powering

RF Engineering and Custom Build

Technical specifications and operating parameters

RF Parameters						
Capacity	32-way Splitter					
Frequency Range	850-2150 MHz (L-band)					
RF Connectors	50Ω SMA	50 Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-type	
Gain (dB)	0± 2	0± 2	0± 2	0± 2	0± 2	
Gain flatness	Full band	± 1.25	± 1.25	± 1.5	± 1.5	± 1.5
	Any 36 MHz	± 0.50	± 0.75	± 0.75	± 0.75	± 0.75
Input Return Loss (dB)	Typ.	18	15	15	14	14
	Min	12	12	12	9.5	9.5
Output Return Loss (dB)	Typ.	18	15	15	14	14
	Min.	12	12	12	9.5	9.5
Isolation	All Connector types	23 dB		Maximum between any two output ports		
Noise Figure	All Connector types	9 dB		Typical		
1 dB GCP	All Connector types	0dBm		1 dB Gain Compression point, output power		
OIP3	All Connector types	10 dBm		3rd order intercept point, output power		

Power	
AC Consumption	15W Max. consumption at steady state
Input RF Power	16 dBm Absolute Maximum
LNB Power	18Vdc, 0.5A via common (RF in) port. Switchable from rear panel.
PSU	85-264 Vac 50/60Hz Fused 2A
PSU Redundancy	Dual Redundant and Alarmed. Diode OR.
Hot-swap PSU	No

Physical	
Dimensions	3U high x 350mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss, front panel

System Control	
Display	Front panel LEDs for Power & PSU
Alarms	Dry contact (D Type) for PSU failure

Environmental	
Operating temperature	0 to 45°C
Location	Indoor use only
Storage temperature	-20°C to +75°C
Humidity	20 to 90% non-condensing
Altitude	10,000 ft AMSL

Key Features	
Dual redundant power supplies	
Switchable LNB Powering	
Front Panel LEDs for PSU status	
Dry contact alarm port on rear panel for PSU failure	



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