



Model Number: **D0108S1ULA-N5N5**

RF Engineering
and Custom Build

8-way Single L-band Active Splitter



Front View of Model D0108S1ULA-N5N5

This single 8-way L-band active splitter gives excellent return loss and flatness, and is housed in a 1U high shelf. This unit also benefits from dual redundant power supplies for reliability in service.

Monitoring of the dual redundant power supplies can be done via front panel LEDs which provide a visual status of the power supplies and via a dry contact alarm port on the rear panel.



Rear View of Model D0108S1ULA with 75 ohm BNC connectors

This particular unit is supplied with 50 ohm N-type RF connectors, but is available in a variety of impedances and connector types (model numbers will vary).





Model Number: D0108S1ULA-N5N5

RF Engineering
and Custom Build

8-way Single L-band Active Splitter

Technical specifications and operating parameters

RF Parameters		
Capacity	8- way	
Frequency Range	850-2150 MHz (L-band)	
Insertion Gain	1 dB \pm 1dB nominal, mean	
Flatness	850-2150MHz	\pm 1 dB typical
Flatness	Any 36MHz	\pm 0.5 dB
1 dB Compression	0 dBm	
Noise Figure	7 dB	
Input Return Loss	12 dB typical	
Output Return Loss	12 dB typical	

System Control	
Display	Front panel LEDs for power & PSU status
Alarms	Dry contact alarm port on rear panel for PSU failure

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

Physical	
Connectors	N-type
Impedance	50 Ω
Dimensions	1U high x 450mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss (front panel)

Power	
AC Power	85-264V AC (50/60Hz)
LNB Power	None
PSU	Dual redundant
Hot-swap PSU	No

Key Features	
Dual redundant power supplies	
LEDs for PSU Monitoring	
Dry contact alarm for PSU failure	

ETL SYSTEMS LIMITED
Coldwell Radio Station
Madley
Hereford
England HR2 9NE

TELEPHONE
+44 (0)1981 259020

EMAIL
info@etlsystems.com

FACSIMILE
+44 (0)1981 259021

WEB
www.etlsystems.com

