



Model Number: D0108S1ULA-F7F7-D8

8-way Single L-band Active Splitter

With LNB Powering



Front View of Model D0108S1ULA-F7F7-D8

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 and switchable LNB Powering.

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



Rear View of Model D0108S1ULA-F7F7-D8

This particular splitter is supplied with 75 ohm F-type RF connectors, but is available in a variety of impedances and connector types (model numbers will vary).





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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	1 dB \pm 1 dB	
Flatness	850MHz-2150MHz	\pm 1.50 dB typical
	Any 36MHz band	\pm 0.30 dB typical
1 dB Compression	0 dBm	
Noise Figure	9 dB max	
Input Return Loss	10 dB typical	
Output Return Loss	10 dB typical	

System Control	
Display	Front panel LEDs for Power and 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	F-type
Impedance	75 Ω
Dimensions	1U high x 350mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss (Front panel)

Power	
AC Power	85-264V AC (50/60Hz) Fused 2A
LNB Power	18V DC nominal, 500mA per channel, switchable on/off
PSU	Dual redundant
Hot-swap PSU	No

Key Features

Switchable LNB powering

Dual redundant power supplies

Dry contact alarm port for PSU failure

LEDs for PSU monitoring

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

