



**Model Number: D0108S1ULA-22245-F7F7**

# 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-F7F7

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 75 ohm F-type 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 $\pm$ 1.5 dB nominal, mean across band
Flatness	850-2150MHz $\pm$ 1.5 dB typical
1dB Compression	-5 dBm
IP3	5 dBm
Noise Figure	10 dB
Isolation	25 dB (between any 2 output ports)
Input Return Loss	12 dB typical
Output Return Loss	12 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 Connector	F-type
Input Impedance	75Ω
Output Connector	F-type
Output Impedance	75Ω
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

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

