



**Model Number: D0108S1ULA-22274-N5F7-E**

## 8-way Single L-band Active Splitter

With dual redundant amplifiers, Ethernet monitoring & **10dB Gain**



Front View of Model D0108S1ULA-22274-N5F7-E

This high resilience single 8-way L-band, high gain active splitter benefits from dual redundant amplifiers and dual redundant power supplies in a compact 1U chassis.

Amplifier current sensing triggers the automatic switchover to the (cold standby) redundant amplifier.

Front panel LED's provide a visual status for the power supplies and amplifiers. Remote monitoring is available via dry contact alarm and Ethernet ports on the rear panel.



Rear View of Model D0108S1ULA-22274-N5F7-E

This particular unit has a 50 ohm N-type connectors IN and a 75 ohm F-type connector OUT, but a range of other impedances and connector types are available (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	10 dB $\pm$ 2 dB nominal, mean across band	
Flatness	850-2150MHz	$\pm$ 2.0 dB
	Over any 36MHz	$\pm$ 0.5 dB
1dB Compression	2 dBm minimum	
Noise Figure	12 dB	
Input Return Loss	10 dB typical	
Output Return Loss	10 dB typical	
Amp Redundancy	1-to-1 redundant (cold standby)	Auto switchover based on current sensing

System Control	
Display	Front panel LED's for PSU & Amplifier status
Alarms	Dry contact alarm port on rear panel for PSU and amplifier failure
Monitor Port	Via RJ45 Ethernet Port on rear panel for PSU and amplifier status via Web Browser & SNMP

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

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 (IN) F-type (OUT)
Impedance	50 $\Omega$ (IN) 75 $\Omega$ (OUT)
Dimensions	1U high x 350mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss

Key Features	
Dual redundant amplifiers	
Dual redundant power supplies	
Ethernet Monitoring with Web Browser & SNMP	
Alarm contacts and LEDs for monitoring	