



Model Number: D0108D2ULA-22256-F7F7

8-way Dual L-band Active Splitter

With Dual Redundant Amplifiers



This dual 8-way splitter shelf contains 2 of ETL's 8-way active L-band splitter modules housed in a 2U high, 19" rack mountable shelf. The unit benefits from dual redundant amplifiers and dual redundant power supplies for reliability in service.

Front View of Model D0108D2ULA-22256-F7F7

The unit also provides LNB powering, which can be switched on and off from the rear panel.

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



Rear View of Model D0108D2ULA-22256-F7F7

This particular unit has 70 ohm F-type connectors, but a range of connector types and impedances 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 Dual	
Frequency Range	850 – 2150 MHz (L-band)	
Insertion Gain	0 dB \pm 2 dB	
Flatness	850-2150MHz	\pm 2.0 dB
Flatness	Any 36MHz	\pm 0.5 dB
1 dB Compression	0 dBm minimum (at output)	
Noise Figure	12 dB typical	
Amp Redundancy	1-to-1 redundant, cold redundancy & current sensing	
Input Return Loss	10 dB typical	
Output Return Loss	10 dB typical	

System Control	
Display	Front Panel LED's for amplifier & PSU status

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	2U 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
LNB Power	18V nominal, 500mA, per channel. Switchable on/off
PSU	Dual redundant
Hot-swap PSU	No

Key Features	
One unit containing 2 x 8-way L-band Splitters	
Dual redundant power supplies and amplifiers	
Front panel LED's for monitoring of the amplifier and splitter status	
Switchable LNB Powering	

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