



**Model Number: D0108D1ULA-N5N5-XPSU-D8**

## 8-way Dual L-band Active Splitter

With LNB powering & requiring external DC Power Supply



Front View of Model D0108D1ULA-N5N5-XPSU-D8

This shelf contains 2 of ETL's 8-way active L-band splitter modules housed in a 1U high, 19" rack mountable shelf. The unit is powered by an external DC supply, such as the ETL Splitter PSU, model 2756.

This external power supply system makes economic sense if 3 or more splitter shelves are in use (compared to an integral PSU system).

This unit benefits from LNB Powering, which supplies DC power to drive an LNB at each input.



Rear View of Model D0108D1ULA-N5N5-XPSU-D8

This particular unit has 50 ohm N-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 Dual
Frequency Range	850 – 2150MHz (L-band)
Insertion Gain	1 dB $\pm$ 1 dB
Flatness	$\pm$ 1.5 dB
Isolation	25 dB typical
1 dB Compression	0 dBm
Noise Figure	9 dB
Input Return Loss	12 dB typical
Output Return Loss	12 dB typical
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	N-type
Input Impedance	50 $\Omega$
Output Connector	N-type
Output Impedance	50 $\Omega$
Dimensions	1U high x 350mm deep x 19" wide
Colour	White 00-E-55 semi-gloss (front panel)
Power	
Power Supply	External DC supply required
LNB Power	18V DC nominal
Key Features	
One shelf containing 2 x 8-way Dual L-band Splitters	
LNB Powering (always on)	

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