



## **Dual 8-way L-band Active Equalised Splitter**

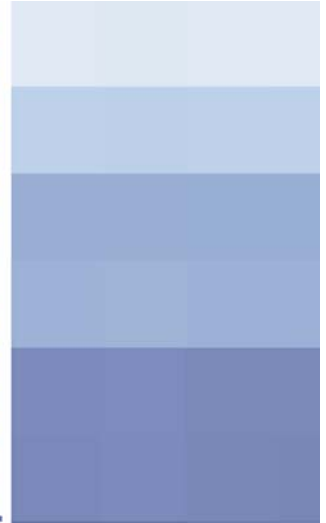
This splitter shelf contains 2 of ETL's 8-way active equalised splitter modules housed in a 1U shelf. The unit is powered by an external DC supply, such as the ETL Splitter PSU, model 2756.

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

This power divider has 50 ohm N-type RF-IN and 50 ohm BNC RF-OUT connectors and supplies DC power to drive an LNB at each input. The LNB bias is always on.

It is also available in a variety of 75 and 50 ohm impedances and connector types (model numbers will vary) and also with a switchable on/off LNB bias.

product overview



### **Key features**

- 850–2150 MHz operating range
- Dual 8-way equalised splitter
- Gain  $1 \pm 1$  dB
- LNB power (18V) always on
- Flatness  $\pm 1.5$  dB over the bandwidth
- 50 ohm N-type RF-IN connectors
- 50 ohm BNC RF-OUT connectors

**Model D0108D1ULA-  
N5B5 – XPSU – D8**

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# Dual 8 Way L-band Splitter - Technical Summary



Photo of 1U 8-way dual XPSU splitter with F-type connectors and without LNB powering

## Other information

- 1 U high 350mm 19" shelf
- Colour – Light Grey RAL 7035
- External DC supply required (18V and 450 mA per splitter)

## Model D0108D1ULA- N5B5 XPSU - D8

<u>Parameter</u>	<u>Model</u> <u>D0108D1ULA-N5B5- XPSU-D8</u>
Capacity	8-way (Dual)
Frequency	850-2150 MHz
Impedance IN	50 $\Omega$
RF Port IN	N-type
Impedance OUT	50 $\Omega$
RF Port OUT	BNC
Insertion Gain	1 $\pm$ 1dB
Flatness	$\pm$ 1.5 dB
Isolation	25 dB typical
Input Return Loss	12 dB typical
Output Return Loss	12 dB typical
1dB Compression Point (input power)	0 dBm
Noise Figure	9 dB
LNB power	18V DC nominal



ETL Systems Limited  
Coldwell Radio Station  
Madley, Hereford,  
England HR2 9HJ  
T +44 (0)1981 259825  
F +44 (0)1981 259839  
E [info@etlsystems.com](mailto:info@etlsystems.com)  
[www.etlsystems.com](http://www.etlsystems.com)

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