



# Equalised Dual 8-way L-band Splitter with LNB Power

This is a **high performance L-band splitter** with 2 of ETL's 8-way active equalised splitter modules, giving very good gain flatness and group delay. As you would expect the unit has dual redundant power supplies but it also has numerous other interesting features.



*Picture of Equalised Dual 8-way L-band Splitter*



The shelf can be used to provide LNB powering. In this mode it also monitors the LNB's health, with alarms triggering if the LNB current goes above or below specific limits. Dual PSU voltage is also monitored. Alarms are available via RS232 and dry contact ports. Tri-state LED's on the front panel display LNB, amplifier, and PSU status.

The power divider is available in a variety of 50 ohm impedances and connector types (model numbers will vary) and with single or dual power supplies.

ETL Model Number – D0108D2ULA-22189-N5B5



**RESILIENCE**

**FLEXIBILITY**

**RF PERFORMANCE**

# Technical Specifications



## • RF Parameters

---

Capacity	8-way
Frequency Range	850 to 2150 MHz
Gain	0 dB
Flatness	±1 dB
1 dB Compression	0 dBm
Noise	7 dB
Input Return Loss	>10 dB
Output Return Loss	>10 dB
Group Delay	2ns

## • System Control

---

Remote Control	RS232 serial port
Display	Front Panel LED's

## • 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 (Input) BNC (Output)
Impedance	50Ω
Dimensions	2U high x 350mm deep x 19" wide
Weight	12 kgs
Colour	White 00-E-55 Semi- Gloss, Front Panel

## • Power

---

AC Power	85-264Vac 50/60Hz
PSU	Dual
PSU Redundancy	Yes
LNB Power	18V nominal, 500mA, fused & monitored

## • Key Features

---

- Switchable (on/off) LNB Power from RF IN ports
- LNB current monitoring and alarms

ETL Systems develop, design and manufacture specialist equipment for satellite ground stations. For a fuller description of the ETL product range, please visit our website. This range can be used as the basis to meet your specific demands.

For additional information or details, please contact us at:

ETL Systems Limited, Coldwell Radio Station, Madley, Hereford, England HR2 9NE  
T +44 (0)1981 259020 F +44 (0)1981 259021 E [info@etlsystems.com](mailto:info@etlsystems.com) [www.etlsystems.com](http://www.etlsystems.com)

