

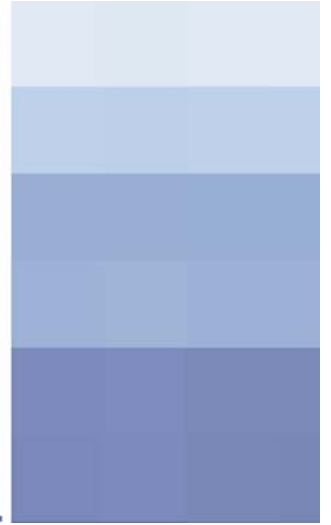


## ***Quad 4-way L-band Active Splitter (or Divider)***

This L-band splitter shelf contains 4 of ETL's 4-way active splitter modules and provides 4 dB of gain. The unit has dual redundant power supplies and can be used to provide LNB powering (the LNB bias for each RF input port can be switched on and off from the rear panel). The unit has a dry contact alarm for PSU failure.

The power divider is available in a variety of 75 and 50 ohm impedances and connector types (model numbers will vary) and with single or dual power supplies. This particular unit has 50 ohm N-type RF-IN connectors and 50 ohm BNC RF-OUT connectors. It has dual redundant power supplies. Distribution amplifiers with higher levels of fixed gain and variable gain are also available.

product overview



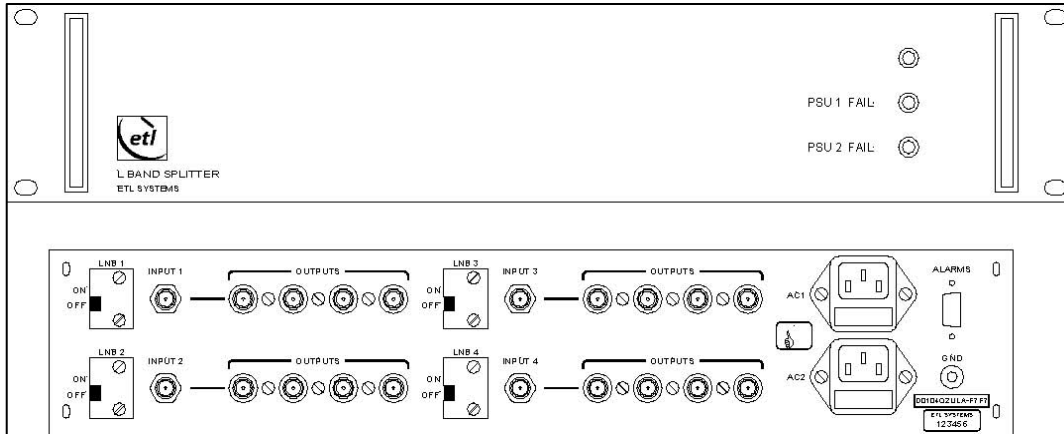
### **Key features**

- 850–2150 MHz operating range
- Switchable (on/off) LNB Power from RF IN ports
- Gain 4 dB  $\pm$  1 dB
- Flatness  $\pm$  1.5 dB over the bandwidth
- Input Return loss 10 dB typical
- Output Return loss 12 dB typical
- 50 ohm N-type RF-IN connectors
- 50 ohm BNC RF-OUT connectors

***Model D0104Q2ULA-N5B5-D8***

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# Quad 4-Way L-band Splitter - Technical Summary



## Other information

- 2U high 350mm 19" shelf
- Colour – Light Grey RAL 7035.
- 85-264 VAC, 50/60 HZ
- Dry contact alarm for PSU failure
- Dual redundant power supplies and dual mains inlets

## Model D0104Q2ULA- N5B5-D8



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Parameter	Model <a href="#">D0104Q2ULA-N5B5-D8</a>
Capacity	4-way (quad)
Frequency	850-2150 MHz
Impedance IN	50 Ω
RF Port IN	N-type
Impedance OUT	50 Ω
RF Port OUT	BNC
Insertion Gain	+ 4 dB nominal (± 1dB)
Flatness over 850 – 2150 MHz (typical)	± 1.5 dB
Input Return Loss	10 dB typical
Output Return Loss	12 dB typical
1dB Compression Point (input power)	0 dBm
Noise Figure	7 dB
LNB bias	18 V, 500 mA per channel

ETL Systems develop, design and manufacture specialist equipment for satellite ground stations. For a fuller description of the ETL product range, please see our website on [www.etlsystems.com](http://www.etlsystems.com). This range can be used as the basis to meet your specific demands.

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