

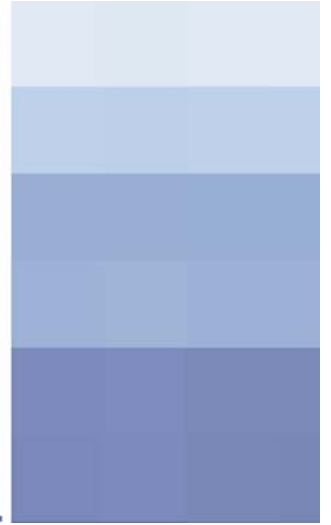


Dual 8-way L-band Active Equalised Splitter

This splitter shelf contains 2 of ETL's 8-way active equalised splitter modules housed in a 1U shelf. The unit 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).

This power divider has 50 ohm N-type RF-IN and 50 ohm BNC RF-OUT connectors, although it is 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 ± 1 dB
- Switchable (on/off) LNB Power from RF IN ports
- Flatness ± 1.5 dB over the bandwidth
- 50 ohm N-Type RF-IN connectors
- 50 ohm BNC RF-OUT connectors

Model D0108D2ULA-N5B5-D8

satellite systems

Dual 8 Way L-band Splitter - Technical Summary



Photo of similar 2U dual 8-way splitter with BNC connectors

Other information

- 2 U 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 D0108D2ULA- N5B5-D8

<u>Parameter</u>	<u>Model</u> <u>D0108D2ULA-N5B5- D8</u>
Capacity	8-way (Dual)
Frequency	850-2150 MHz
Impedance IN	50 Ω
RF Port IN	N-type
Impedance OUT	50 Ω
RF Port OUT	BNC
Insertion Gain	1 \pm 1 dB
Flatness	\pm 1.5 dB
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
www.etlsystems.com

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. This range can be used as the basis to meet your specific demands.

satellite systems

V 1.1 E & OE



THE QUEEN'S AWARDS
FOR ENTERPRISE:
INTERNATIONAL TRADE
2007