



Dual 8-way L-band Active Equalised Splitter

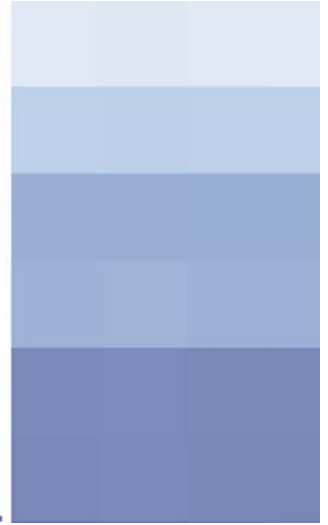
This splitter shelf contains 2 of ETL's 8-way active equalised splitter modules housed in a 1U shelf. The unit is powered by an external DC supply, such as the ETL Splitter PSU, model 2756.

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 75 ohm BNC 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 ± 1 dB
- Flatness ± 1.5 dB over the bandwidth
- 75 ohm BNC connectors
- LNB power (18V) always on

**Model D0108D1ULA-
B7B7 – XPSU – D8**

satellite systems

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- B7B7 XPSU - D8

<u>Parameter</u>	<u>Model</u> <u>D0108D1ULA-B7B7- XPSU-D8</u>
Capacity	8-way (Dual)
Frequency	850-2150 MHz
Impedance IN	75 Ω
RF Port IN	BNC
Impedance OUT	75 Ω
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
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