



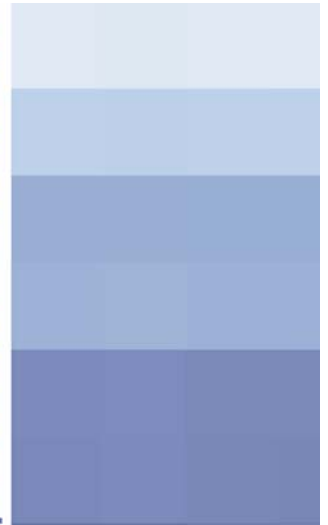
## **Single 16-way L-band Active Equalised Splitter**

This splitter shelf contains 1 of ETL's 16-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 connectors 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
- Single 8-way equalised splitter
- Gain  $0 \pm 1$  dB
- Flatness  $\pm 1$  dB over the bandwidth
- 50 ohm N-type RF-IN connectors, 50 ohm BNC RF-OUT connectors
- No LNB bias

**Model D0116S1ULA-N5B5 – XPSU**

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# Single 16 Way L-band Splitter - Technical Summary

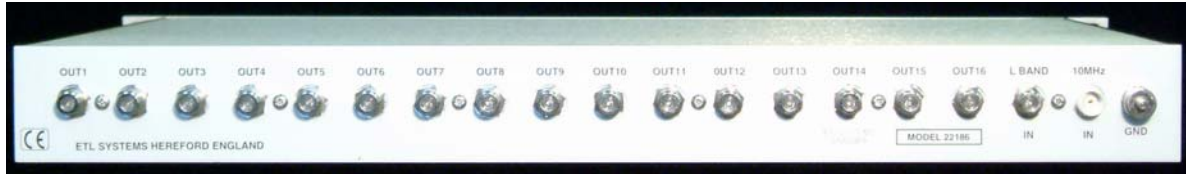


Photo of similar 1U 16-way splitter

## Other information

- 1 U high 350mm 19" shelf
- Colour – Light Grey RAL 7035
- External DC supply required (18V and 50mA per splitter)

<u>Parameter</u>	<u>Model</u> <u>D0116D1ULA-N5B5-</u> <u>XPSU</u>
Capacity	16-way (Single)
Frequency	850-2150 MHz
Impedance IN	50 $\Omega$
RF Port IN	N-type
Impedance OUT	50 $\Omega$
RF Port OUT	BNC
Insertion Gain	0 $\pm$ 1dB
Flatness	$\pm$ 1.0 dB
Isolation	25 dB typical
Input Return Loss	12 dB typical
Output Return Loss	10 dB typical
1dB Compression Point (input power)	0 dBm
Noise Figure	7 dB

## Model D0116S1ULA- N5B5 XPSU



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