



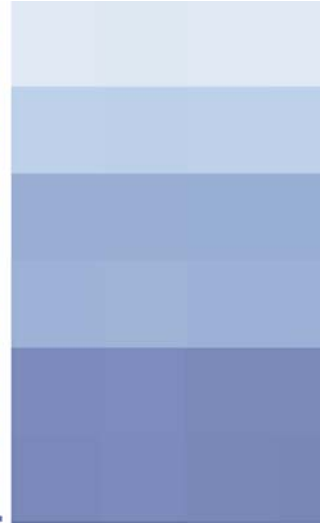
## **Single 16-way L-band Active Equalised Splitter**

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 75 ohm F-type 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 16-way equalised splitter
- Gain  $0 \pm 2$  dB
- No LNB bias
- Flatness  $\pm 2$  dB over the bandwidth
- 75 ohm F-type connectors
- Isolation 25 dB typically

**Model D0116S1ULA-  
F7F7 – XPSU**

*satellite systems*

# Single 16 Way L-band Splitter - Technical Summary

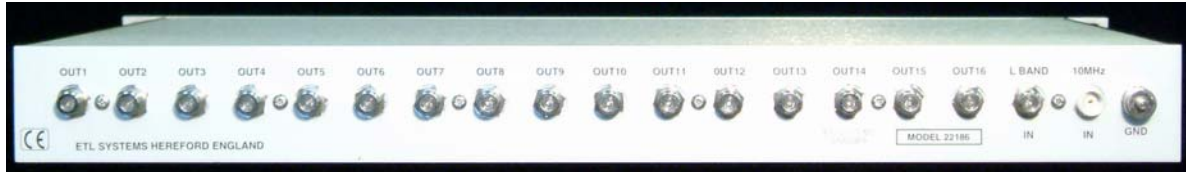


Photo of similar 1U 16-way splitter

## Other information

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

## Model D0116S1ULA- F7F7 XPSU

<u>Parameter</u>	<u>Model</u> <u>D0116D1ULA-F7F7- XPSU</u>
Capacity	16-way (Single)
Frequency	850-2150 MHz
Impedance IN	75 $\Omega$
RF Port IN	F-type
Impedance OUT	75 $\Omega$
RF Port OUT	F-type
Insertion Gain	0 $\pm$ 2 dB
Flatness	$\pm$ 2.0 dB
Isolation	25 dB typical
Input Return Loss	8 dB typical
Output Return Loss	10 dB typical
1dB Compression Point (input power)	0 dBm
Noise Figure	7 dB



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