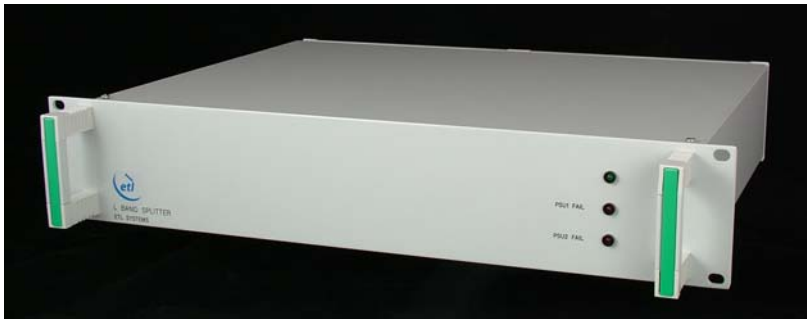
Equalised 16-Way L-band Splitter (or Divider)

product overview

This unit shelf contains an ETL 16-way active L-band splitter. The unit has dual redundant power supplies. LNB bias is not provided. 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.



Key features

- 850–2150 MHz operating range
- 50 ohm N-type RF-IN connectors, 50 ohm BNC RF-OUT connectors
- Dual redundant PSU's
- Gain 0 dB ± 1 dB
- Flatness ± 1 dB over the bandwidth
- Input Return loss 12 dB typical
- Output Return loss 10 dB typical
- No LNB bias

Model D0116S2ULAN5B5

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Equalised 16-Way L-band Splitter - Technical Summary

FIG.1 Rear of similar 16-way splitter with N-type connectors

Other information

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

Model D0116S2ULAN5B5

Parameter	**Model D0116S2ULAN5B5**
Capacity	16-way
Frequency	850-2150 MHz
Impedance IN	50 Ω
RF Port IN	N-type
Impedance OUT	50 Ω
RF Port OUT	BNC
Insertion Gain	+0 dB nominal (± 1dB)
Flatness over 850 – 2150 MHz (typical)	±1.0
Flatness over any 36 MHz	±0.35 dB
Input Return Loss	12 dB typical
Output Return Loss	10 dB typical
1dB Compression Point (input power)	0 dBm
Noise Figure	7dB

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