



4-way Quad L-band Active Splitter



This L-band splitter shelf contains 4 of ETL's 4-way active splitter modules. The unit has dual redundant power supplies which are monitored via the front panel LED's and a dry contact alarm for PSU failure.

Front view of Quad 4-way L-band Splitter

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.



Rear view of similar Quad 4-way L-band Splitter

This particular unit has 50 ohm N-type connectors (IN) and 50 ohm BNC connectors (OUT), and dual redundant power supplies. Distribution amplifiers with higher levels of fixed gain and variable gain are also available.



Technical specifications and operating parameters

RF Parameters	
Capacity	4- way (quad)
Frequency Range	850-2150 MHz (L-band)
Gain	4 dB nominal (± 1 dB)
Flatness	850MHz-2150 MHZ ± 1.5 dB typical
Noise Figure	7 dB
1 dB compression	0 dBm
Input Return Loss	10 dB typical
Output Return Loss	12 dB typical

System Control	
Display	Front panel LEDs for Power and PSU status

Environmental	
Operating temperature	0 to 45°C
Location	Indoor use only
Storage temperature	-20°C to +75°C
Humidity	85% non-condensing

Physical	
Connectors	N-type (IN) & BNC (OUT)
Impedance	50 Ω
Dimensions	2U high x 350mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55

Power	
AC Power	85-264V AC (50/60Hz)
LNB Power	None
PSU	Dual
Hot-swap PSU	No

Key Features	
Dual redundant power supplies and dual mains inlets	
PSU monitoring via dry contact alarm port on rear panel	
Status of PSU via LED on front panel	



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ETL Systems design, develop and manufacture specialist equipment for satellite ground stations. For a full description of the ETL product range, please see our website at www.etsystems.com. This product range provides the basis for meeting your specific demands.



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