



Model Number: D0104Q2ULA-N5B5-D8

4-way Quad L-band Active Splitter

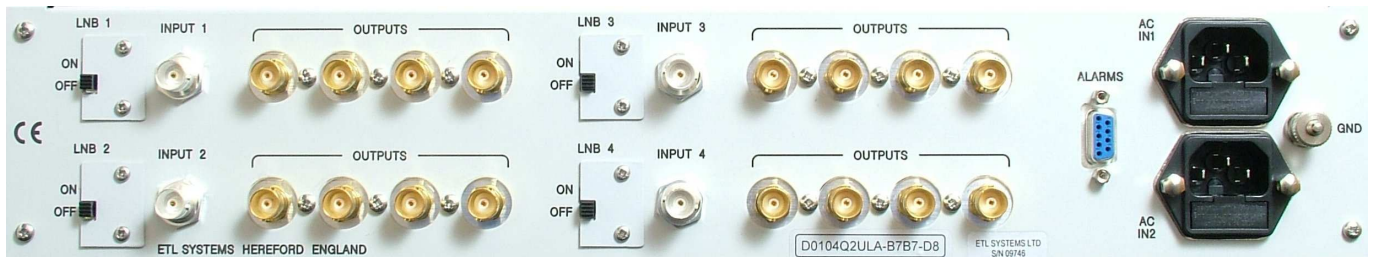
with switchable LNB Powering



Front view of Model D0104Q2ULA-N5B5-D8

This splitter shelf contains 4 of ETL's 4-way active equalised splitter modules, housed in a 2U shelf. This unit benefits from dual redundant power supplies for reliability in service. Front panel LEDs provide a visual status for the power supplies, and monitoring can also be done via a dry contact alarm port on the rear panel.

This unit also LNB powering, which can be switched on/off from the rear panel for each splitter.



Rear view of similar model with 75 ohm BNC connectors

This particular unit has 50 ohm N-type connectors (IN) and 50 ohm BNC connectors (OUT), but is available in a variety of impedances and connector types (model numbers will vary).





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RF Engineering
and Custom Build

4-way Quad L-band Active Splitter with switchable LNB Powering

Technical specifications and operating parameters

RF Parameters	
Capacity	4-way (quad)
Frequency Range	850-2150 MHz (L-band)
Gain	4.0 dB \pm 1.0 dB nominal, mean
Flatness	850MHz-2150 MHz \pm 1.5 dB
Noise Figure	7 dB
1dB compression	0 dBm
Input Return Loss	10 dB typical
Output Return Loss	12 dB typical

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

System Control	
Display	Front panel LED's for Power & PSU status
Alarms	Dry contact alarm port on rear panel for PSU failure

Power	
AC Power	85-264V AC (50/60Hz)
LNB Power	18V nominal, 500mA per channel
PSU	Dual Redundant
Hot-swap PSU	No

Physical	
Input Connector	N-type
Input Impedance	50 Ω
Output Connector	BNC
Output Impedance	50 Ω
Dimensions	2U high x 350mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss (front panel)

Key Features	
Quad 4-way splitter	
Switchable LNB powering	
Dry contact alarm for PSU failure	
LEDs for PSU status	

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