



Model Number: **D0104Q2ULA-F7F7-D8**

4-way Quad L-band Active Splitter

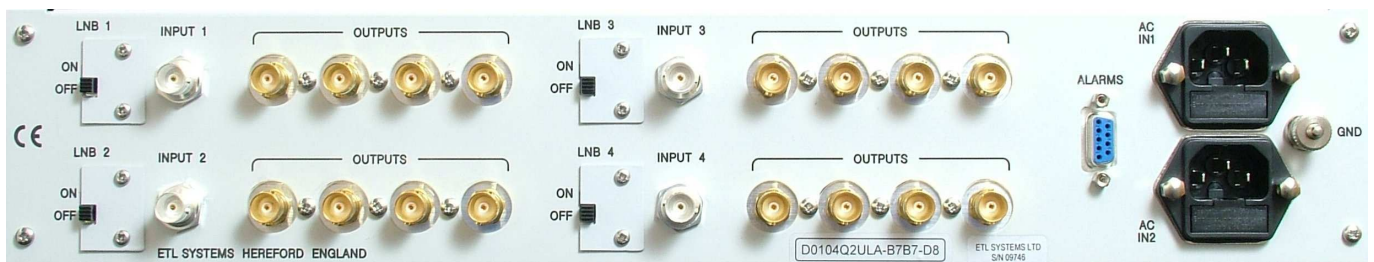
with switchable LNB Powering



Front view of Model D0104Q2ULA-F7F7-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 75 ohm F-type connectors, 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-2150MHz \pm 2.0 dB
Noise Figure	7 dB
1 dB compression	0 dBm
Input Return Loss	8 dB typical
Output Return Loss	10 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	F-type
Input Impedance	75Ω
Output Connector	F-type
Output Impedance	75Ω
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	
Dual redundant power supplies	
Dry contact alarm for PSU failure	
LEDs for PSU status	

ETL SYSTEMS LIMITED
Coldwell Radio Station
Madley
Hereford
England HR2 9NE

TELEPHONE
+44 (0)1981 259020

EMAIL
info@etlsystems.com

FACSIMILE
+44 (0)1981 259021

WEB
www.etlsystems.com

