



Model Number: D0104Q2ULA-N5F7-D8

4-way Quad L-band Active Splitter

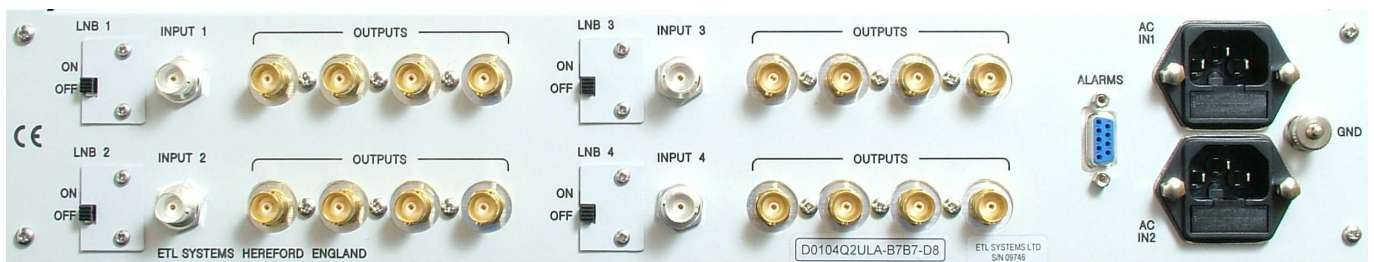
with switchable LNB Powering



Front view of Model D0104Q2ULA-N5F7-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 75 ohm F-type 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-2150MHz	\pm 2.0 dB
Noise Figure	7 dB
1dB compression	0 dBm
Input Return Loss	8 dB typical
Output Return Loss	10 dB typical

Power

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

System Control

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

Environmental

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

Physical

Input Connector	N-type
Input Impedance	50Ω
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
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

