Model Number: D0104S1ULA-22239–F7F7

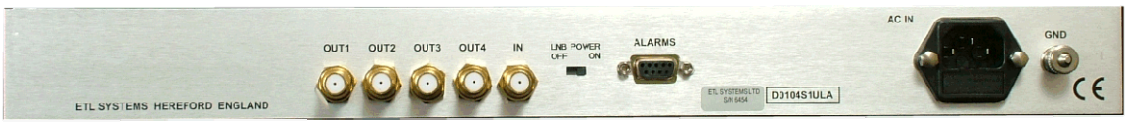
4-way Single L-band Active LD Series Splitter

with switchable LNB Powering

Front view of LD Series Splitter

This compact 4-way active splitter is designed to provide affordable L-band splitting in a 1U chassis. Covering the full range of L-band, 850-2150MHz, this shelf also offers dual redundant power supplies, and is also able to provide switchable LNB powering.

Front panel LED's indicate the condition of the 2 power supplies and the status of the LNB bias.



Rear view of LD Series Splitter showing switchable LNB Powering

The shelf is housed in a compact 1U high rack with a single mains inlet (there are 2 internal power supplies), and offers a wide range of RF connectors and impedances.

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Single 4-way Active L-band Splitter with LNB Powering

Technical specifications and operating parameters

RF Parameters		
Capacity		4- way
Frequency Range		850-2150 MHz (L-band)
Gain		0 ± 1.5 dB nominal
Flatness	850MHz-2150 MHZ	± 1.5 dB typical
1dB compression		0 dBm
Noise Figure		12 dB
Input Return Loss		12 dB typical
Output Return Loss		15 dB typical

System Control	
Display	Front panel LEDs for Power and PSU status
Local Control	LNB Powering switch on rear panel

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

Physical	
Connectors	F-type
Impedance	75Ω
Dimensions	1U high x 220mm deep x 19" wide
Weight	2 kg
Colour	White 00-E-55 semi-gloss

Power	
AC Power	85-264V AC (50/60Hz)
LNB Power	18V DC, 310mA via common port, switchable on/off
PSU	Dual
Hot-swap PSU	No

Key Features
Housed in Compact 1U high rack
PSU alarms via LED's o n front panel
Status of LNB via LED on front panel
Dual redundant PSU's

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ETL Systems Ltd, Coldwell Radio Station, Madley, Hereford, HR2 9NE, England

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Tel +44 (0)1981 259020
Fax +44 (0)1981 259021
info@etlsystems.com