RF Engineering
and Custom Build

Model Number: D0132S3ULA-22203-N5N5

32-way Single L-band Active Splitter

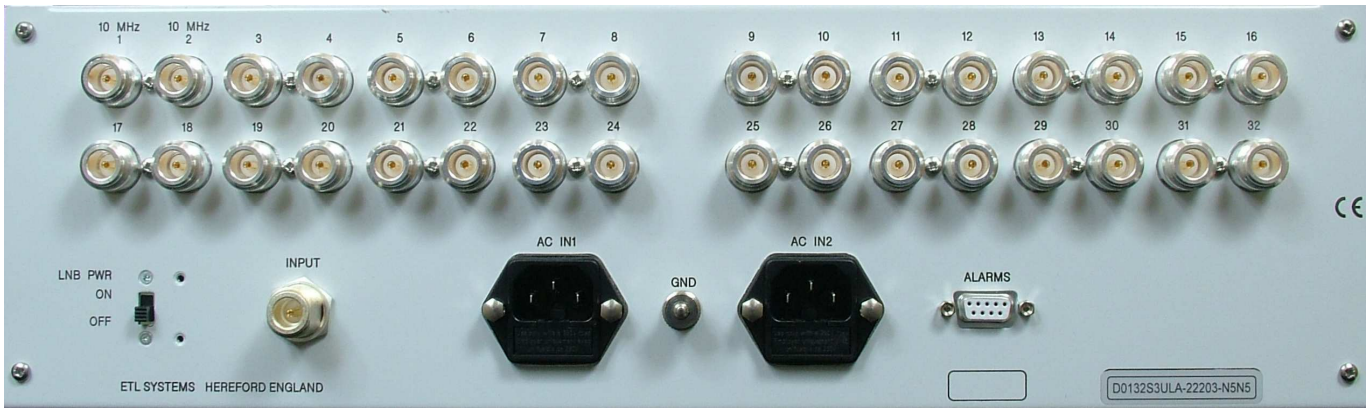
with 10 MHz Pass (from output ports 1 & 2 to common port) & switchable LNB Powering

Front view of Model D0132S3ULA-22203-N5N5

This 32-way L-band active splitter can be used to provide LNB powering (the LNB bias for the RF input port can be switched on and off from the rear panel).

It will also pass 10 MHz from RF output ports 1 & 2 to the common. The unit has a dry contact alarm for PSU failure.

The unit benefits from dual redundant power supplies which can be monitored via front panel LEDs which provide a visual status or via a dry contact alarm port on the rear panel for PSU failure.



Rear view of Model D0132S3ULA-22203-N5N5

This particular unit is supplied with 50 ohm N-type connectors, but a range of impedances and connector types are available (model numbers will vary).

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Technical specifications and operating parameters

RF Parameters		
Capacity		32-way
Frequency Range		850-2150 MHz (L-band)
Gain		0 dB ± 2 dB nominal, mean across band
Flatness	850-2150MHz	± 1.5 dB
	Over any 36MHz	± 0.5 dB
1dB Compression		0 dBm
Noise Figure		9 dB
Input Return Loss		12 dB typical
Output Return Loss		15 dB typical
10 MHz Pass		From 2 RF OUT ports to RF IN port

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	N-type
Output Impedance	50Ω
Dimensions	3U high x 450mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss front panel

Key Features
Switchable LNB Powering
10 MHz Pass (from output ports 1 & 2 to the common port)
Dual redundant power supplies
Dry contact alarm port for PSU failure
LED's on front panel to monitor status of PSU's

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