

32-Way single L-band Active Splitter

with 10 MHz Pass & switchable LNB Powering



Front view of a 32-way L-band Splitter

This unit contains an ETL 32-way active splitter. The unit has dual redundant power supplies and 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 power divider is available in a variety of 75 and 50 ohm impedances and connector types (model numbers will vary) and with single or dual power supplies.



Rear view of a 32-way L-band Splitter

This particular unit has 50 ohm N-type connectors. Distribution amplifiers with higher levels of fixed gain and variable gain are also available.



Model Number: D0132S3ULA-22203-N5N5

32-Way Equalised L-band Splitter with 10 MHz Pass & switchable LNB Power



Technical specifications and operating parameters

RF Parameters		
Capacity	32- way	
Frequency Range	850-2150 MHz (L-band)	
Gain	0 dB \pm 2.0 dB	
Flatness	850MHz-2150 MHz	\pm 1.5 dB typical
	Any 36Mhz. band	\pm 0.5 dB
1 dB 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	

System Control	
Display	Front panel LEDs for Power and PSU status

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

Physical	
Connectors	N-type IN, N-type OUT
Impedance	50 Ω
Dimensions	3U high x 450mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss (Front panel)

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

Key Features	
Switchable LNB power	
Dry contact alarm for PSU failure	
LEDs for PSU monitoring	
10 MHz Pass	

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