



4-way single L-band Active Splitter

with switchable LNB Powering



Front view of a 4-way L-band Active Splitter

This single 4-way active L-band splitter, has dual redundant power supplies and is housed in a 1U shelf. The shelf also provides LNB bias (18V, 500mA) which can be switched on or off from the rear panel.

The splitter provides ultimate splitting flexibility and security as well as good levels of performance. It is also available with options of: dual redundant amplifiers with auto switchover; and LNB current monitoring and reporting.



Rear view of a similar 4-way L-band Active Splitter showing switchable LNB Powering

This particular unit has a 50Ω N-type RF connectors. The power divider is available in a variety of 75 and 50 ohm impedances and connector types (model numbers will vary).



Model Number: D0104S1ULA-N5N5-D8



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Technical specifications and operating parameters

RF Parameters		
Capacity	4- way	
Frequency Range	850-2150 MHz (L-band)	
Gain	1.5 dB \pm 1.5 dB	
Flatness	850MHz-2150 MHZ	\pm 1.0 dB typical
	Any 36Mhz. band	\pm 0.5 dB
1 dB compression	0 dBm	
Input Return Loss	12 dB typical	
Output Return Loss	10 dB typical	

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 (others available)
Impedance	50 Ω IN, 75 Ω OUT
Dimensions	1U high x 350mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss (Front panel)

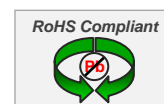
Power	
AC Power	85-264V AC (50/60Hz)
LNB Power	18V nominal, 500mA per channel
PSU	Dual
Hot-swap PSU	Yes

Key Features	
Switchable LNB power	
Dry contact alarm for PSU failure	
LEDs for PSU monitoring	
LNB current monitor and redundant amplifiers available as an option	



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