

Model Number: D0116S1ULA-B7B7-XPSU



16-way single L-band Active Splitter

Powered by an external Power Supply



Front view of a 16-way Splitter, showing front panel power status LED

This 16-way active L-band Splitter is housed in a 1U shelf, and is powered by an external DC supply, such as the ETL Splitter PSU, model 2756.

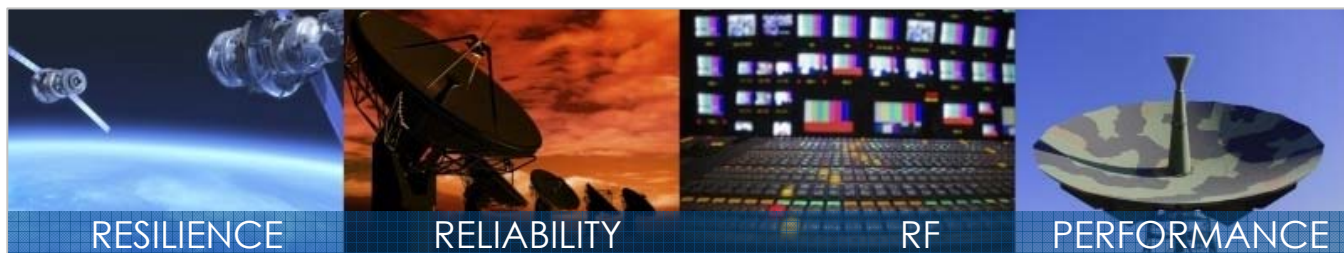
This external power supply system makes economic sense if 3 or more splitter shelves are in use (compared to an integral PSU system).

This particular unit has 75 ohm BNC connectors, although it is available 75 and 50 ohm impedances and a variety of connector types (model numbers will vary).



Rear view a 16-way Splitter

ETL also provide 16-way splitters with integral dual redundant power supplies and switchable LNB Powering (model numbers will vary).



RESILIENCE

RELIABILITY

RF

PERFORMANCE

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Technical specifications and operating parameters

RF Parameters	
Capacity	16- way
Frequency Range	850-2150 MHz (L-band)
Gain	0 dB \pm 2.0 dB
Flatness	850MHz-2150 MHZ \pm 1.0 dB typical
1 dB compression	+5 dBm
Noise Figure	7 dB
Isolation	25 dB
Input Return Loss	12 dB typical
Output Return Loss	12 dB typical

System Control	
Display	Front panel LED for Power 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	BNC
Impedance	75Ω
Dimensions	1U high x 350mm deep x 19" wide
Weight	6 kg
Colour	White 00-E-55 semi-gloss (Front panel)

Power	
DC Power	12-20 V dc, nominal 18V (requires external PSU)
LNB Power	None
PSU	None
Hot-swap PSU	N/A

Key Features	
Compact 1U housing	
Front Panel LED for power status	



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ETL Systems design, develop and manufacture specialist equipment for satellite ground stations. For a full description of the ETL product range, please see our website at www.etsystems.com. This product range provides the basis for meeting your specific demands.



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