



Model Number: D0116S1ULA-N5N5-XPSU

16-way Single L-band Active Splitter

Powered by an external Power Supply



Front View of Model D0116S1ULA-N5N5-XPSU

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 50 ohm N-type connectors, although it is available 75 and 50 ohm impedances and a variety of connector types (model numbers will vary).



Rear View of Model D0116S1ULA-N5N5-XPSU

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





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RF Engineering and Custom Build

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
1dB Compression	+5 dBm
Noise Figure	7 dB
Isolation	25 dB
Input Return Loss	7 dB
Output Return Loss	23 dB typical

System Control

Display	Front Panel LED's for Power status
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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	50 Ω
Output Connector	N-type
Output Impedance	50 Ω
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

ETL SYSTEMS LIMITED
Coldwell Radio Station
Madley
Hereford
England HR2 9NE

TELEPHONE
+44 (0)1981 259020

EMAIL
info@etlsystems.com

FACSIMILE
+44 (0)1981 259021

WEB
www.etlsystems.com

