Model Number: D0116S1ULA-22235-F7F7

16-way Single L-band Active LD Series Splitter

with switchable LNB Powering

Front View of Model D0116S1ULA-22235-F7F7

The compact 16-way active splitter is part of the LD Splitter Series and is designed to provide affordable L-band splitting in a 1U high, 19" rack mountable chassis.

Covering the full range of L-band, 850-2150MHz, this shelf also offers dual redundant power supplies, and is also able to offer switchable LNB powering.

Front panel LED's indicate the condition of the dual redundant power supplies and the status of the LNB bias.

Rear View of a 16-way Compact LD Series Active Splitter showing switchable LNB Powering

This particular unit is supplied with 75 ohm F-type RF connectors, but is available in a range of impedances and RF connectors (not N-type RF connectors).

Model Number: D0116S1ULA-22235-F7F7

16-way Single L-band Active LD Series Splitter with LNB Powering

Technical specifications and operating parameters

RF Parameters	
Capacity	16- way
Frequency Range	850-2150 MHz (L-band)
Gain	0 dB ± 1.5 dB mean across band
Flatness	± 1.5 dB
1dB Compression	-5 dBm
IP3	5 dBm
Noise Figure	12 dB
Isolation	25 dB (between any 2 output ports)
Input Return Loss	12 dB typical
Output Return Loss	12 dB typical

System Control	
Display	Front Panel LED's for LNB Power & 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	F-type
Impedance	75Ω
Dimensions	1U high x 200mm deep x 19'' wide
Weight	2 kg
Colour	White 00-E-55 semi-gloss (Front panel)

Power	
AC Power	85-264V AC (50/60Hz), Fused 2A
LNB Power	18V switchable on/off, 310 mA max
PSU	Dual Redundant
Hot-swap PSU	None

Key Features
Housed in a compact 1U high rack
Dual redundant power supplies
Switchable LNB Powering
Front Panel LED's for LNB & PSU status

RoHS COMPLIANT Pb

THE QUEEN'S AWARDS FOR ENTERPRISE: 2007

THE QUEEN'S AWARDS FOR ENTERPRISE: 2009

IMS INTERNATIONAL
ISO 9001 certified

UKAS QUALITY MANAGEMENT 078