Model Number: D0116S1ULA-22289-F7F7

16-way Single L-band Active Splitter

With Dual Redundant Amplifiers, Ethernet Monitoring and powered by 24V DC

This single 16-way L-band active splitter benefits from an automatic, cold standby, dual redundant amplifier. The unit is powered by 24V DC .

Front View of Model D0116S1ULA-22289-F7F7

A front panel LED provides a visual status for the amplifiers, and external monitoring can be done via a dry contact alarm port or Ethernet port on the rear panel.

Rear View of Model D0116S1ULA-22289-F7F7

This particular unit is supplied with 75 ohm F-type RF connectors, but a range of other impedances and connector types are available (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 ± 2 dB nominal, mean across band	
Flatness	850-2150MHz	± 1.5 dB
	Over any 36MHz	± 0.75 dB
1dB Compression	0 dBm	
Noise Figure	10 dB	
Amp Redundancy	1-to-1 redundant,	cold redundancy & current sensing
Input Return Loss	10 dB typical	
Output Return Loss	10 dB typical	

System Control

Display	Front panel LED for Amplifier status	
Alarms	Dry contact alarm port and RJ45 Ethernet port on rear panel for amplifier failure	Tricolour LED at front panel. Connectors at rear panel. SNMP & dry contact alarms

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	F-type	10MHz/DC blocked (40dB typical, 25dB minimum 10MHz rejection)
Input Impedance	75Ω	
Input Connector	F-type	
Input Impedance	75Ω	
Dimensions	1U high x 200mm deep x 19" wide	
Weight	8 kg	
Colour	White 00-E-55 semi-gloss (Front panel)	

Power

DC In	24V DC	Single 4 pin XLR plug on rear panel
LNB Power	None	
PSU	N/A	
Hot-swap PSU	No	

Key Features

Redundant amplifiers
Powered by 24V DC
LED on the front panel to indicate amplifier status
Alarm contacts for external monitoring

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