Model Number: D0108S1ULA-22351-xxxx

8-way Single L-band Active Splitter

With 10 MHz pass between port 1 to the common port

Front View of Model D0108S1ULA-22351-xxxx

This single 8-way L-band active splitter is ideal for satellite signal routing, where increased peace of mind is required. The splitter is fitted with dual redundant power supplies and benefits from 10 MHz pass between port 1 and the common port.

Front panel LED's provide a visual status of the power supplies, and monitoring can also be done via a dry contact alarm port on the rear panel for PSU failure.

Rear View of Model D0108S1ULA-222351-N5N5 (supplied with N-type connectors)

This unit is available in a variety of impedance and connector types available (model numbers will vary).

Key Features

- 8-way L-band (850-2150 MHz) active splitter
- 10 MHz pass between the port 1 and the common port
- Reliability in service with dual redundant power supplies
- Front panel status LED's
- Dry contact alarm port for PSU failure

Technical specifications and operating parameters

RF Parameters

Capacity	8-way splitter				
Frequency Range	850-2150 MHz (L-band)				
RF Connectors	50Ω SMA	50Ω N-type	50Ω BNC	75Ω BNC	75Ω F-type
Flatness — 850-2150 MHz	±0.75 dB	±0.75 dB	±1.0 dB	±1.0 dB	±1.3dB
Flatness — Any 36 MHz	±0.35 dB	±0.35 dB	±0.5 dB	±0.5 dB	±0.5 dB
Input Return Loss (dB) Typ.	12 dB	12 dB	12 dB	12 dB	12 dB
Output Return Loss Typ.	12 dB	12 dB	12 dB	12 dB	12 dB
Isolation	25 dB	Between any 2 output ports			
Noise	6 dB	Typical			
1dB GCP	0 dBm	Typical output power			
Gain	0 ±1 dB nominal, mean across band				

Power

AC Power	100-240Vac 50/60Hz , 0.25A	Fused 2A
LNB Power	None	
PSU	Dual redundant	Dual IEC inlet
Hot-swap PSU	No	

Environmental

Operating temperature	0 to 45°C
Location	Indoor use only
Storage temperature	-20°C to +75°C
Humidity	85% non-condensing

Physical

Dimensions	1U high x 350mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss, front panel

System Control

Display	Front panel LED's for PSU status
Alarms	Dry contact alarm port on rear panel for PSU failure

Key Features

8-way L-band (850-2150MHz) active splitter

10 MHz pass between port 1 and the common port

Dual redundant power supplies for reliability in service

Front Panel status LEDs

Dry contact alarm port on rear panel for PSU failure

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