



ETL Systems

Excelling in RF Engineering

Model Number:
D0102S1ULP-22436-XXXX

2-way Passive L-Band Splitter with -20 dB monitoring port

Typical applications:

- Satellite operators, VSAT, teleports & broadcasters.
- High resilience RF distribution where single points of failure must be minimised.
- Redundancy applications for remote teleports.



850 - 2150 MHz

L-band operating frequency range

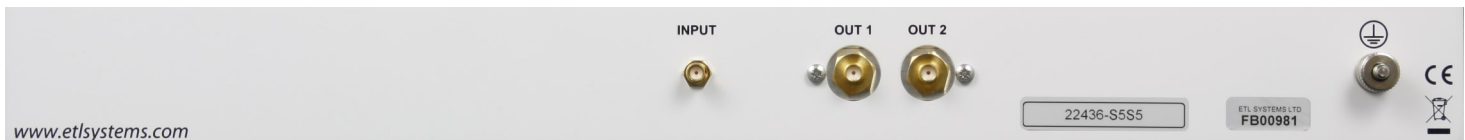


Signal Monitoring

via -20 dB monitor port



Compact housed in a 1U high chassis





Technical specifications and operating parameters

RF Parameters				
Capacity		2-way Splitter		
Frequency Range		850-2150 MHz		
RF Connectors & Impedances		50Ω SMA	50Ω N-Type	50Ω BNC
Insertion Loss		5±1 dB	5±1 dB	5±1 dB
Flatness	Full Band	±1.0 dB	±1.0 dB	±1.0 dB
Input Return Loss	Typical	12 dB	12 dB	12 dB
	Minimum	10 dB	10 dB	9 dB
Output Return Loss	Typical	14 dB	14 dB	14 dB
	Minimum	12 dB	12 dB	11 dB
Monitor Port		-20 (+1 -3) dB	Monitors input port	
Isolation		16 dB	Maximum between any two output ports	
Input RF Power		16 dBm	Absolute maximum	

Environmental	
Operating Temperature	0 to 45°C
Location	Indoor use only
Storage Temperature	-20°C to +75°C
Humidity	20 to 90% non-condensing
Altitude	10,000 AMSL (above mean sea level)

Physical	
Dimensions	1U high x 200 mm deep x 19" wide
Weight	2 kg
Colour	RAL9003 - White (Semi-Matte)

Preliminary Specifications

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.
 Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.



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