ETL Systems
Excelling in RF Engineering

Model Number: D0108D1UYA-22462-S5S5

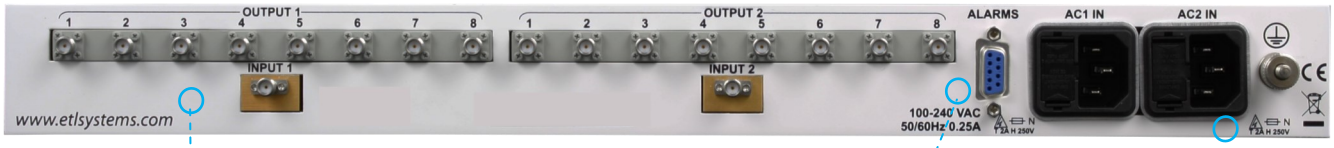
8-way Dual 3-13GHz Active Splitter with dual redundant power supplies

Typical applications:
- Satellite operators, VSAT, teleports and broadcasters.
- IPTV and DTH headend content distribution.
- High resilience RF distribution where optimum satellite signal quality is required.
- SNG and Outside Broadcast Trucks.

3– 13GHz operating frequency range.

Compact splitter housed in a 1U high chassis

Local Monitoring via front panel status LEDs for power & PSU



2 x 8-way splitters housed in one shelf

Dry contact alarm port for power supply status

Resilience from dual redundant power supplies

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Technical specifications and operating parameters

RF Parameters		
Capacity	Dual 8 way Splitter	
Frequency Range	3 to 13GHz	
Gain	7.5 ± 2.5 dB	Mean across band
Gain Flatness	± 2.5 dB	± 1 dB typical
Input Return Loss	>10 dB	>14 dB typical
Output Return Loss	>10 dB	>16 dB typical
Isolation	>16 dB	>18 dB typical
Noise Figure	<6 dB	<5 dB typical
1dB GCP	>0 dBm	

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 feet AMSL

System Control	
Display	Front panel LEDs for PSU & power status
Alarms	Dry contact (D-type) for PSU status

Physical	
Input & output RF connector	SMA
Input & output impedance	50Ω
Dimensions	1U high x 350mm deep x 19" wide
Weight	5 kg
Colour	White 00-E-55 semi-gloss

Power		
PSU Power	85-264Vac 50-60Hz	Fused 2A
AC Consumption	15W	Maximum consumption at steady state
LNB Power	None	
PSU	Dual redundant	Diode OR
Hot-swap PSU	No	

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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