



8-way Dual 3-22GHz Active Splitter

Typical applications:

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



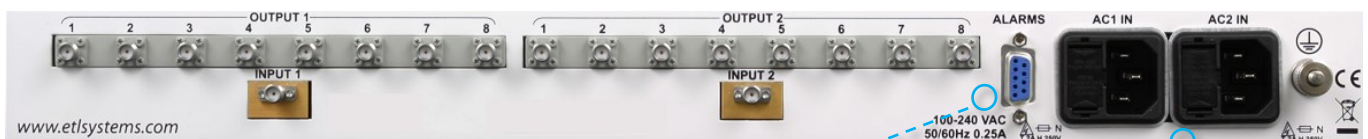
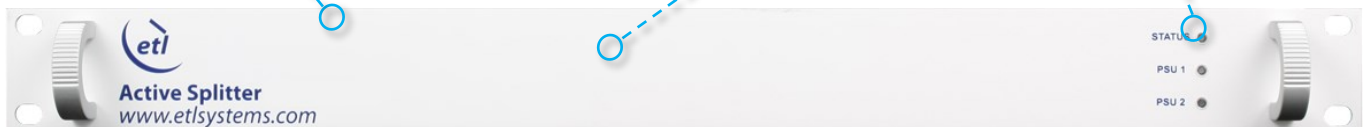
3 - 22GHz
operating frequency range.



Compact 2x 8-way
splitters housed in a 1U
high chassis



Local monitoring via
front panel LEDs



Dry contact alarm port
for power supply status



Resilience from dual
redundant power supplies



Technical specifications and operating parameters

RF Parameters		
Capacity	Dual 8-way Splitter	
Frequency Range	3 to 22GHz	
Gain	0.0 \pm 2.5 dB	Mean across frequency band
Gain Flatness	\pm 2.5 dB	
Input Return Loss	10 dB	Minimum
Output Return Loss	10 dB	Minimum
Isolation	> 16 dB	
Noise Figure	< 13 dB	
1dB Gain Compression Point	> -10 dBm	

Physical	
Input & output RF connectors	SMA
Input & output impedance	50 Ω
Dimensions	1U high x 350mm deep x 19" wide
Weight	5 kg
Colour	RAL9003 White (semi-matte)

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 (above mean sea level)

Control & Monitoring	
Local Monitoring	Front panel status LEDs
Alarms	Dry contact (D-type) for PSU status

Power		
PSU Power	85-264Vac 50-60Hz	Fused 2A
PSU Redundancy	Dual redundant and alarmed	Diode OR,
Hot-swap PSU	No	
AC Consumption	10W	Maximum consumption at steady state
LNB Power	None	

Note 1: Typical parameters are guide figures and measured data may deviate from the quoted figures. ETL endeavours to exceed the quoted typical parameters where practically possible.

Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage. For reliable long term operation do not exceed the parameters given in above.