



16-way Single L-band Active Splitter with DC & 10MHz Pass

Typical applications:

- Satellite operators, VSAT, teleports, and broadcasters
- High resilience RF distribution where optimum satellite signal quality is required
- Teleports with limited rack space



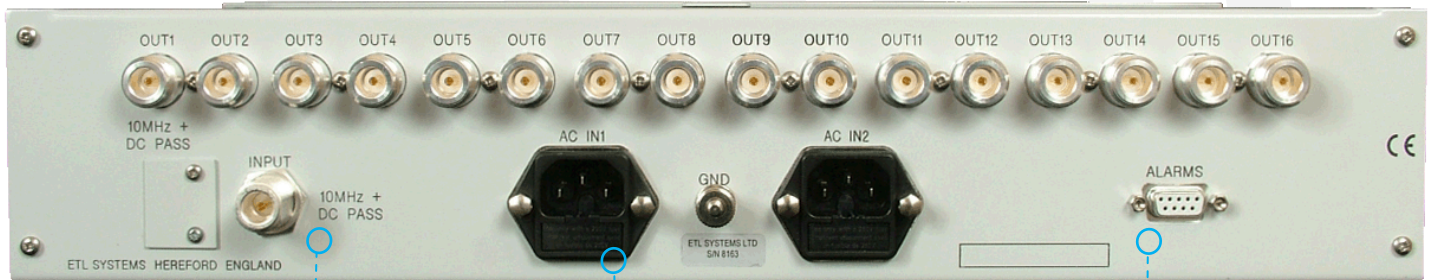
850 - 2150 MHz
operating frequency range.



Compact
housed in a 2U
high chassis



Monitoring via LEDs to
indicate amplifier and power
supply status



10MHz & DC Pass from an
external source



Resilience
from dual
redundant
power supplies



Dry contact alarm port
for power supply status



Technical specifications and operating parameters

RF Parameters						
Capacity	16-way					
Frequency Range	850-2150 MHz (L-band)					
RF Connectors	50Ω SMA	50Ω N-type	50Ω BNC	75Ω BNC	75Ω F-type	
Flatness	850-2150MHz	±1.25 dB	±1.25 dB	±1.35 dB	±1.5 dB	±1.75 dB
	Any 36MHz	±0.35 dB	±0.35 dB	±0.4 dB	±0.5 dB	±0.6 dB
Input Return Loss	Typical	15 dB	15 dB	15 dB	15 dB	15 dB
	Minimum	12 dB	12 dB	12 dB	12 dB	12 dB
Output Return Loss	Typical	15 dB	15 dB	15 dB	15 dB	15 dB
	Minimum	12 dB	12 dB	12 dB	12 dB	12 dB
Gain	1±1.0 dB, mean across band					
Isolation	Typical	>25 dB				
	Minimum	>23 dB				
Noise Figure	<13 dB					
Input RF Power	16 dBm, Absolute maximum					
Output 1dB GCP	0 dBm					
DC Pass	Yes		Port one to the common port only.			
10MHz Pass	<1 dB insertion loss		All other ports DC blocked.			

Environmental	
Operating temperature	0 to 50°C
Location	Indoor use only
Storage temperature	-20°C to +75°C
Humidity	85% non-condensing
Altitude	10,000 feet AMSL

Power		
PSU Power	85-264Vac 50-60Hz	Fused 2A
AC Consumption	<20W	Max. consumption at steady state
LNB Power	None	
PSU	Dual redundant with dual IEC inlets	Diode OR. Not hot swap

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

Physical	
Dimensions	2U high x 350mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss

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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