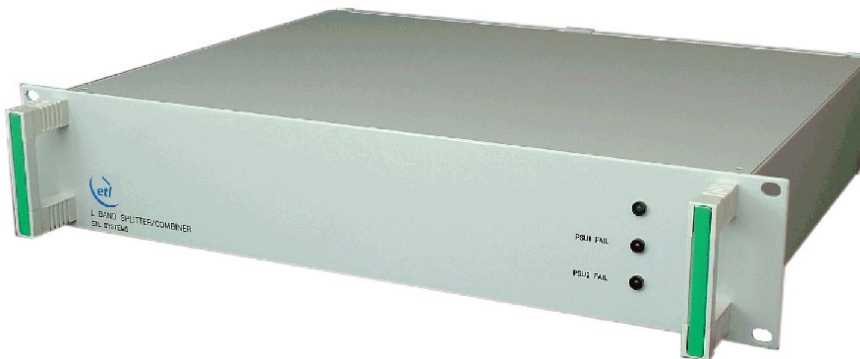




Hybrid Equalised Single 8-way Active L-band Combiner and Splitter with LNB powering

This unit comprises a **8-way L-band active splitter** and **8-way L-band active combiner** accommodated in a 2U, 19" rack mountable chassis.



Front & Rear View of an 8-way Combiner & Splitter with LNB Powering



The unit benefits from dual IEC mains inlet with redundant power supply. PSU status indicators and dry contact alarms are provided. The unit also provides switchable LNB powering. All RF connectors are located on the rear panel. The standard unit has 50Ω N-type RF connectors but other are available.

ETL Model Number – 22227



RESILIENCE FLEXIBILITY RF PERFORMANCE

Technical Specifications



• RF Parameters

Combiner

Capacity	8-way
Frequency Range	850-2150 MHz
Gain	1 ± 1 dB
1 dB Compression	+10 dB
Amplitude Variations Over 850-2150 MHz Over any 36 MHz	± 1.0 dB ± 0.5 dB
Input Return Loss	15 dB
Output Return Loss	15 dB
DC Block	Input & Output

Splitter

Capacity	8-way
Frequency Range	850-2150 MHz
Gain	1 ± 1 dB
1 dB Compression	0 dBm
Amplitude Variations Over 850-2150 MHz Over any 36 MHz	± 1.0 dB ± 0.5 dB
Input Return Loss	12 dB
Output Return Loss	15 dB
DC Block	Input & Output

• Environmental

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

• Physical

Connectors	N-type (others available)
Impedance	50Ω
Dimensions	2U high x 350mm x 19" wide
Colour	White 00-E-55 Semi-Gloss Front Panel

• Power

AC Power	85-264Vac 50/60Hz
LNB Power	18V dc nominal (Splitter Only)
PSU	Dual
PSU Redundancy	Yes

• Key Features

LED's on front panel to indicate PSU status

Switchable LNB Powering

ETL Systems develop, design and manufacture specialist equipment for satellite ground stations. For a fuller description of the ETL product range, please visit our website. This range can be used as the basis to meet your specific demands.

For additional information or details, please contact us at:



ETL Systems Limited, Coldwell Radio Station, Madley, Hereford, England HR2 9NE
T +44 (0)1981 259020 F +44 (0)1981 259021 E info@etlsystems.com www.etlsystems.com

