

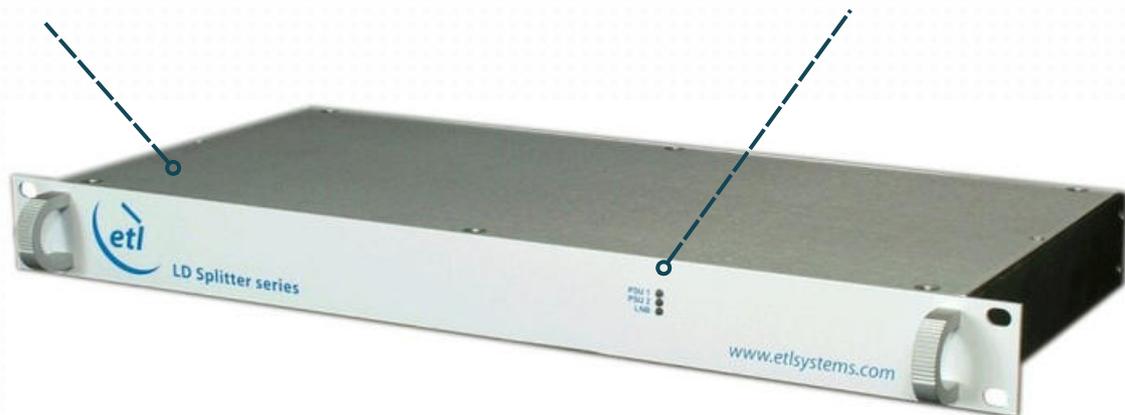
4-way Single L-band Active LD Series Splitter

With switchable LNB powering

Part of the LD Series, providing an affordable L-band splitting function in a 1U, 19" rack-mountable chassis. It covers the full L-band range of 850-2150MHz, and offers dual redundant power supplies and switchable LNB powering.

L-band range
850-2150MHz

Local monitoring
Front panel LEDs give
status of PSUs and LNB
bias



LNB powering
Switchable

RF Parameters		
Frequency Range	850 to 2150MHz	
Capacity	4-way	
Gain	0±1.5 dB nominal	
Flatness	Full band	±1.0 dB
	Any 36MHz	±0.25 dB
1dB Compression	0 dBm	
Noise Figure	12 dB	
Input Return Loss	Typ.	15 dB
	Min.	10 dB
Output Return Loss	Typ.	18 dB
	Min.	12 dB
Group Delay Variation	Full band	2 ns max.
	Any 36MHz	1 ns max.
Isolation	25 dB	
OIP3	12 dBm	
System Control		
Display	Front panel LEDs to indicate PSU1, PSU2, LNB supply on	
Local Control	LNB powering switch on rear panel	
Power		
AC Power	85-264V AC (50/60Hz)	
LNB Power	18V DC nominal, 310mA per channel, switchable on/off	
PSU	Dual redundant with single IEC inlet	
Hot-swap PSU	None	
Physical & Environmental		
Dimensions	1U high x 200mm deep x 19" wide	
Weight/Colour	2 kg / White 00-E-55 (semi gloss)	
Temperature	Operating: 0 to 50°C / Storage: -20°C to +75°C	
Location/Humidity	Indoor use only — 85% non-condensing	
Impedance	50Ω	

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.