

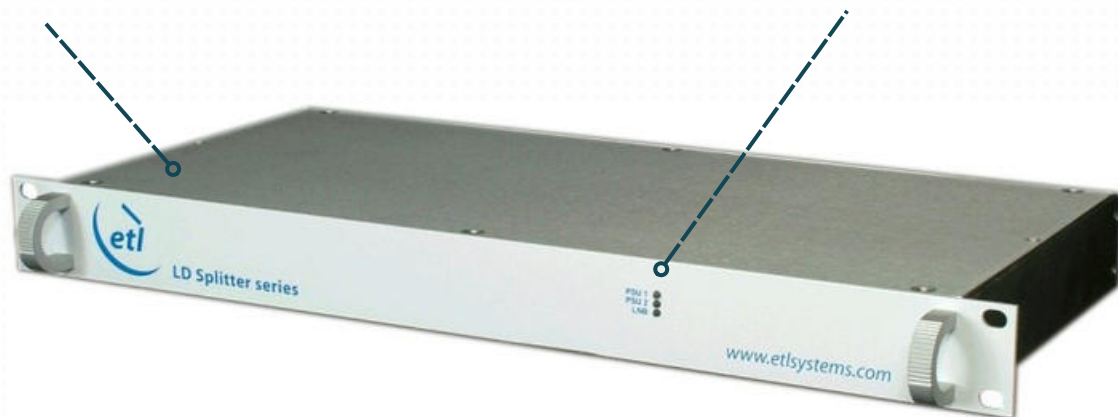
4-way Single L-band Active LD Series Splitter

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.