

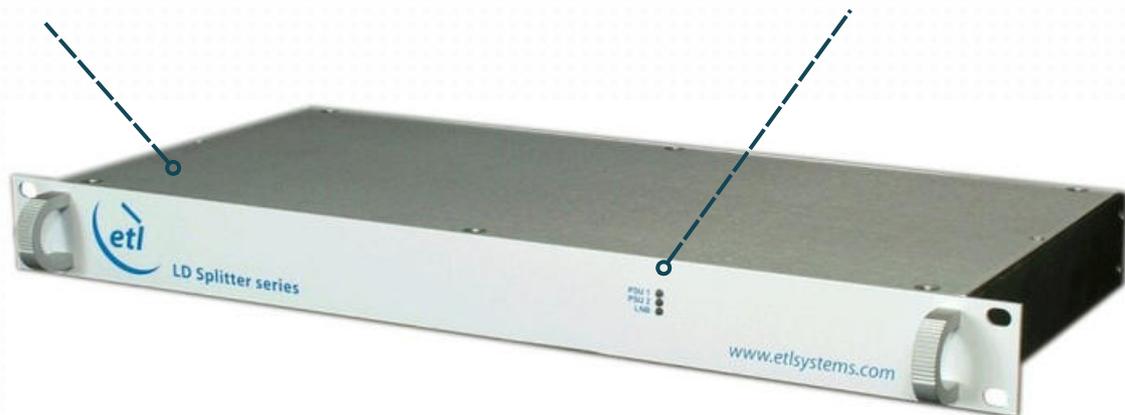
8-way Single L-band Active LD Series Splitter

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	8-way
Gain (Mean across band)	0±1.5 dB nominal
Flatness	Typ. ±1.0 dB
1dB Compression	-5 dBm
IP3	5 dBm
Noise Figure	10 dB
Input Return Loss	Typ. 15 dB
Output Return Loss	Typ. 18 dB
Isolation	25 dB
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 via common port, switchable on/off
PSU	Dual redundant with single IEC inlet
Hot-swap PSU	None
Physical & Environmental	
Dimensions	1U high x 220mm deep x 19" wide
Weight/Colour	2 kg / White 00-E-55 (semi gloss)
Temperature	Operating: 0 to 45°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.