

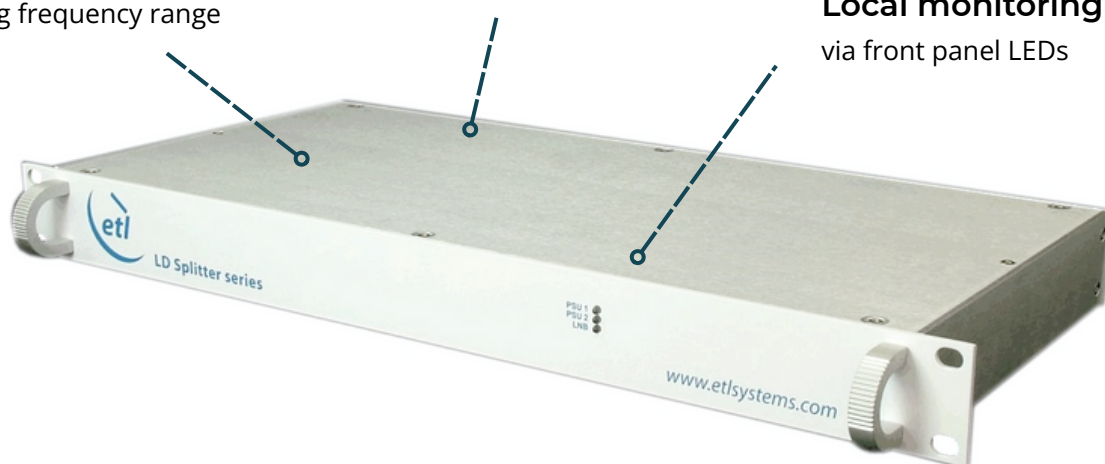
16-way Single L-band Active LD Series Splitter

With switchable LNB Powering

850-2150 MHz
operating frequency range

18V LNB Powering
can be switched on or off

Local monitoring
via front panel LEDs



Compact
housed in a 1U high chassis

Local control
LNB Powering by rear panel
switch (on/off)

Resilience
from dual redundant
power supplies

RF Specifications				
Capacity	16 way Splitter			
Frequency Range	850 - 2150 MHz (L-band)			
RF Connectors	50Ω SMA	50Ω BNC	75Ω BNC	75Ω F-type
Gain	0±1.5 dB	0±1.5 dB	0±1.5 dB	0±1.5 dB
Gain Flatness Full Band	±1.0 dB	±1.0 dB	±1.25 dB	±1.5 dB
Input Return Loss	Typical	15 dB	15 dB	12 dB
	Minimum	10 dB	9 dB	8 dB
Output Return Loss	Typical	18 dB	17 dB	12 dB
	Minimum	15 dB	14 dB	10 dB
Isolation	25 dB maximum between any two output ports			
Noise Figure	12 dB typical			
1dB GCP	-5 dBm output power at 1500MHz			
OIP3	5 dBm 3rd order intercept point, output power			

System Control	
Local Monitoring	Via Front Panel LEDs
Local Control	Switchable (on/off), 18V LNB Powering via rear panel switch.

Power	
PSU Power	85-264Vac 50-60Hz Fused 2A
AC Consumption	7W (Max. consumption at steady state)
LNB Power	18 Vdc, 310mA max via common (RF in) port.
Input RF Power	16 dBm Absolute Maximum
PSU	Dual redundant. Diode OR. Fused 2A
Hot-swap PSU	No
RF Monitoring	None

Environmental & Physical	
Temperature	Operating temp: 0 to 45°C Storage temp: -20°C to +75°C
Location	Indoor use only
Humidity	90% non-condensing
Altitude	10,000 feet AMSL (above mean sea level)
Dimensions	1U high x 500mm deep x 19" wide
Weight	2 kg
Colour	RAL9003 White (semi-matte)

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.