

# 8-way Single UHF Active LD Series Splitter

With dual redundant power supplies

Part of the LD Series, providing an affordable UHF splitting function in a 1U, 19" rack-mountable chassis. It covers the a range of 375-1250MHz, and offers dual redundant power supplies.

UHF range  
375-1250 MHz

Local monitoring  
Front panel LEDs give  
status of PSUs



Resilience  
from dual redundant  
power supplies

RF Parameters	
Frequency Range	375 to 1250 MHz
Capacity	8-way
DC Blocked	All ports
Gain (Mean across band)	0±1.0 dB nominal
Flatness	Typ. ±1.0 dB
Noise Figure	15 dB
Input Return Loss	Typ. 17 dB
	Min. 14 dB
Output Return Loss	Typ. 17 dB
	Min. 14 dB
Isolation	Typ. 18 dB
Amplification	Single path amplifier
Output 1dB GCP	+10 dBm
Input RF Power	0 dBm absolute max.
In Band Spurious	< -80dBm
System Control	
Display	Front panel LEDs to indicate PSU & internal DC supply status
Alarms	Dry contact, change-over via 9-way D-type. Available alarms: PSU
Power	
AC Power	85-264V AC (50/60Hz)
PSU Redundancy	Dual redundant with dual IEC inlets
AC Consumption	<5W
Hot-swap PSU	None
Physical & Environmental	
Dimensions	1U high x 350mm deep x 19" wide
Weight/Colour	3.05 kg / White RAL9003 (semi-matte)
Temperature	Operating: 0 to 50°C / Storage: -20°C to +75°C
Location/Humidity	Indoor use only — 85% non-condensing
Altitude	10,000ft AMSL

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.