

8-way Dual IF-band Active DEXTRA Series Splitter

With monitoring port

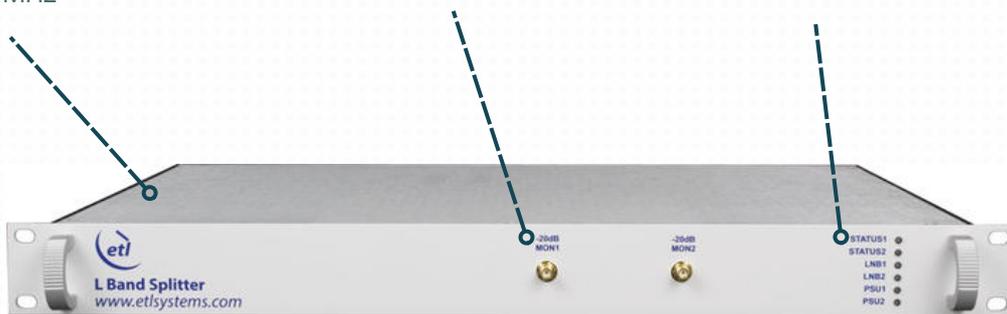
The Dextra splitter range has been designed for high resilience RF distribution, and optimum satellite signal quality. The splitters benefit from excellent RF performance and compact form factor as well as advanced functionality.

Options: Dextra splitters can be specified with single amplifier or hot/cold-standby dual-redundant amplifiers. Please specify OPT-R for redundant amplifier option.

IF-band range
50 - 1000MHz

Signal monitoring
via -20 dB monitorport

Local monitoring
Front panel LEDs give
status of PSUs & LNB



Remote control & monitoring
via RJ45 Ethernet port
with SNMP and web
browser interface

Dry contact alarm port
for power supply
status & LNB supply
alarms

RF Parameters		
Frequency Range	50 to 1000 MHz	
Capacity	Dual 8-way splitter	
Front Panel Monitor	50Ω SMA -20dB, 16dB return loss	
Gain (Mean across band)	0±1.2 dB	
Flatness	Full band	±1.5 dB
	Any 36MHz	±0.3 dB
Input Return Loss	Typ.	20 dB
	Min.	16 dB
Output Return Loss	Typ.	21 dB
	Min.	16 dB
Group Delay	Full band	2ns max.
	Any 36MHz	1ns max.
Isolation @70 MHz	Typ.	30 dB
	Min.	20 dB
Isolation @1000 MHz	Typ.	21 dB
	Min.	16 dB
Noise Figure	15 dB typ.	
1dB GCP	0 dBm	
OIP3	10 dBm	
In Band Spurious	<-80 dBm	
System Control		
Display	Tri colour LEDs to indicate PSU, LNB supply and amplifier status.	
Monitoring & Remote Control	RJ45 port with 10baseT/100baseTX Ethernet offering web browser access, SNMP & ETL proprietary TCP protocol	
Alarms	Dry contact, 9-way D-type alarm port for PSU and LNB supply. Full status and alarms are also available via the Ethernet interface.	
Power		
AC Power	85-264V AC (50/60Hz)	
PSU Redundancy	Dual redundant with dual IEC inlets	
LNB Power	None	
Input RF Power	16 dBm absolute max.	
AC Consumption	<15W (at steady state with max rated LNB current supplied)	
Hot-swap PSU	None	

Physical & Environmental	
Dimensions	1U high x 350mm deep x 19" wide
Weight/Colour	3 kg / RAL9003 - White (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.

Note 3: Specification quoted above is for 50 Ohm SMA. Other variants are available, please enquire. Performance may vary across variants.