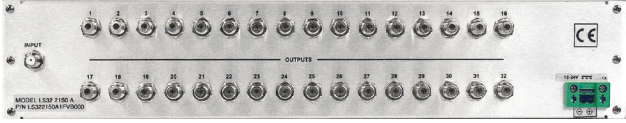


# LS 2150A Series

## Active (Amplified-Zero Loss) L-Band Splitters



**LS12 2150A** 12-way  
Active L-Band Splitter



**LS32 2150A** 32-way  
Active L-Band Splitter



**LS64 2150A** 64-way  
Active L-Band Splitter

### General Description:

The **LS 2150** series of active (unity gain or loss) L-band (950-2150 MHz) splitters permit simple splitting of RF signals to multiple destinations. Configurations available from 4 to 64 ports, including dual and quad units. A variety of powering options and features are available. Active units will power LNBS. The active splitters are DC blocked on all outputs.

### Features & Benefits:

- Convenient, centralized rack mount designs improve cable management
- Microstrip design provides better performance and reliability
- Larger configurations eliminate cascading for better performance
- Active (zero loss) splitters allow for ease in RF design
- Greatly improves cable management by allowing for easy access to cable routing and easing identification of cabling
- Reduces cable connector failures by eliminating the need for frequent manual connects/disconnects

Specifications:*	LS04 2150A	LS08 2150A	LS12 2150A	LS16 2150A	LS24 2150A	LS32 2150A	LS48 2150A	LS64 2150A	
<b>Operating Frequency:</b>	950-2150 MHz	950-2150 MHz	950-2150 MHz	950-2150 MHz	950-2150 MHz	950-2150 MHz	950-2150 MHz	950-2150 MHz	
<b>Configuration:</b>	1x4	1x8	1x12	1x16	1x24	1x32	1x48	1x64	
<b>Impedance:</b>	75 Ω 50 Ω	75 Ω 50 Ω	75 Ω 50 Ω	75 Ω 50 Ω	75 Ω 50 Ω	75 Ω 50 Ω	75 Ω 50 Ω	75 Ω 50 Ω	
<b>P1dB:</b>	+3 dBm	0 dBm	-5 dBm	0 dBm	-10 dBm	-10 dBm	-10 dBm	-10 dBm	
<b>Insertion Loss:</b>	0 ± 2 dB	0 ± 2 dB	0 ± 2 dB	0 ± 2 dB	0 ± 2 dB	0 ± 2 dB	0 ± 2 dB	0 ± 2 dB	
<b>Frequency Response:</b>	± 1 dB	± 1 dB	± 2 dB	± 2 dB	± 2 dB	± 2 dB	± 2 dB	± 2 dB	
<b>Isolation:</b>	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB	
<b>Input Return Loss:</b>	14 dB	13 dB	13 dB	14 dB	12 dB	12 dB	12 dB	12 dB	
<b>Output Return Loss:</b>	15 dB	16 dB	12 dB	12 dB	12 dB	12 dB	12 dB	12 dB	
<b>RF Connectors:</b>	F-Type, BNC 75 Ω or 50 Ω	F-Type, BNC 75 Ω or 50 Ω	F-Type, BNC 75 Ω or 50 Ω	F-Type, BNC 75 Ω or 50 Ω	F-Type, BNC 75 Ω or 50 Ω	F-Type, BNC 75 Ω or 50 Ω	F-Type, BNC 75 Ω or 50 Ω	F-Type, BNC 75 Ω or 50 Ω	
<b>Power Requirements:</b>	18-24 VDC Via 2-pin Quick Connect 100-240 AC 50/60 Hz	18-24 VDC Via 2-pin Quick Connect 100-240 AC 50/60 Hz	18-24 VDC Via 2-pin Quick Connect 100-240 AC 50/60 Hz	18-24 VDC Via 2-pin Quick Connect 100-240 AC 50/60 Hz	18-24 VDC Via 2-pin Quick Connect 100-240 AC 50/60 Hz	18-24 VDC Via 2-pin Quick Connect 100-240 AC 50/60 Hz	18-24 VDC Via 2-pin Quick Connect 100-240 AC 50/60 Hz	18-24 VDC via 2-pin Quick Connect 100-240 AC 50/60 Hz	18-24 VDC Via 2-pin Quick Connect 100-240 AC 50/60 Hz
<b>LNB Power:</b>	18 VDC	18 VDC	18 VDC	18 VDC	18 VDC	18 VDC	18 VDC	18 VDC	
<b>Power Consumption:</b>	3 W	3 W	3 W	3 W	5 W	5 W	6 W	8 W	
<b>Mechanical:</b>	1 RU: 1.75" H x 19" W x 6.5" D	1 RU: 1.75" H x 19" W x 6.5" D	1 RU: 1.75" H x 19" W x 6.5" D	1 RU: 1.75" H x 19" W x 6.5" D	2 RU: 3.5" H x 19" W x 14" D	2 RU: 3.5" H x 19" W x 14" D	3 RU: 5.25" H x 19" W x 20" D	3 RU: 5.25" H x 19" W x 20" D	
<b>Weight:</b>	4.5 lbs Gross (boxed), 2.0 lbs Net	5 lbs Gross (boxed), 2.7 lbs Net	5 lbs Gross (boxed), 2.5 lbs Net	5 lbs Gross (boxed), 2.5 lbs Net	10.5 lbs Gross (boxed), 7 lbs Net	11 lbs Gross (boxed), 6.2 lbs Net	15.4 lbs Gross (boxed), 9.4 lbs Net	15.5 lbs Gross (boxed), 9.2 lbs Net	

\*Specifications may vary with connector type. See individual specification sheet for specific performance data.