

LS 2150A Series

Active (Amplified-Zero Loss) L-Band Splitters

General Description:

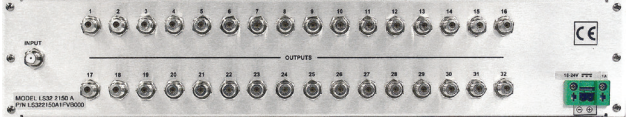
The **LS 2150** series of active (unity gain or loss) L-band (950-2150 MHz) splitters permit simple splitting of RF signals to multiple destinations. Configurations available from 4 to 64 ports, including dual and quad units. A variety of powering options and features are available. Active units will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

Features & Benefits:

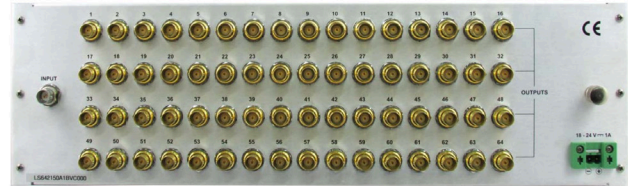
- Convenient, centralized rack mount designs improve cable management
- Microstrip design provides better performance and reliability
- Larger configurations eliminate cascading for better performance
- Active (zero loss) splitters allow for ease in RF design
- Greatly improves cable management by allowing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



LS12 2150A 12-way
Active L-Band Splitter



LS32 2150A 32-way
Active L-Band Splitter



LS64 2150A 64-way
Active L-Band Splitter

Specifications:*	LS04 2150A	LS08 2150A	LS12 2150A	LS16 2150A	LS24 2150A	LS32 2150A	LS48 2150A	LS64 2150A	
Operating Frequency:	950-2150 MHz	950-2150 MHz	950-2150 MHz	950-2150 MHz	950-2150 MHz	950-2150 MHz	950-2150 MHz	950-2150 MHz	
Configuration:	1x4	1x8	1x12	1x16	1x24	1x32	1x48	1x64	
Impedance:	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	
P1dB:	+3 dBm	0 dBm	-5 dBm	0 dBm	-10 dBm	-10 dBm	-10 dBm	-10 dBm	
Insertion Loss:	0 ± 2 dB	0 ± 2 dB	0 ± 2 dB	0 ± 2 dB	0 ± 2 dB	0 ± 2 dB	0 ± 2 dB	0 ± 2 dB	
Frequency Response:	± 1 dB	± 1 dB	± 2 dB	± 2 dB	± 2 dB	± 2 dB	± 2 dB	± 2 dB	
Isolation:	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB	
Input Return Loss:	14 dB	13 dB	13 dB	14 dB	12 dB	12 dB	12 dB	12 dB	
Output Return Loss:	15 dB	16 dB	12 dB	12 dB	12 dB	12 dB	12 dB	12 dB	
RF Connectors:	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	
Power Requirements:	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
LNB Power:	18 VDC	18 VDC	18 VDC	18 VDC	18 VDC	18 VDC	18 VDC	18 VDC	
Power Consumption:	3 W	3 W	3 W	3 W	5 W	5 W	6 W	8 W	
Mechanical:	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	
Weight:	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.