

# LS2150 Series Passive L-Band Splitters



LS 2150 Passive Splitter



LS 2150 32 Passive Splitter

### General Description:

The LS 2150 series of passive L-band (950-2150 MHz) splitters permit simple splitting of RF signals to multiple destinations. Configurations available from 2 to 64 ports, including dual and quad units. A variety of powering options and features are available. The passive splitters are power passing on port 1.

### Features & Benefits:

- Convenient, centralized rack mount designs improve cable management
- Microstrip design provides better performance and reliability
- Larger configurations eliminate cascading for better performance
- 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

### LS 2150 Passive

*Specifications:	LS04 2150P	LS08 2150P	LS12 2150P	LS16 2150P	LS24 2150P
<b>Configuration:</b>	1x4	1x8	1x12	1x16	1x24
<b>Frequency:</b>	950-2150 MHz	950-2150 MHz	950-2150 MHz	950-2150 MHz	950-2150 MHz
<b>Impedance:</b>	50 Ω ,75 Ω	50 Ω ,75 Ω	50 Ω ,75 Ω	50 Ω ,75 Ω	50 Ω ,75 Ω
<b>Insertion Loss:</b>	4 dB ± 0.5 dB	8 ± 1 dB	17 ± 2 dB	18 ± 2 dB	17 dB ± 2 dB
<b>Frequency Response:</b>	± 0.5 dB	± 1 dB	± 2 dB	± 2 dB	± 2 dB
<b>Isolation:</b>	18 dB	18 dB	20 dB	18 dB	18 dB
<b>Input Return Loss:</b>	11 dB	13 dB	14 dB	14 dB	14 dB
<b>Output Return Loss:</b>	15 dB	14 dB	14 dB	14 dB	14 dB
<b>RF Connectors:</b>	Type "F", 50 Ω , 75Ω, BNC	Type "F", 50 Ω , 75Ω, BNC	Type "F", 50 Ω , 75Ω, BNC	Type "F", 50 Ω , 75Ω, BNC	Type "F", 50 Ω , 75Ω, BNC
<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 6.5"D)
<b>Weight</b>	3.5 lbs. Gross (Boxed), 2.5 lbs. Net	3.4 lbs. Gross (Boxed), 2.2 lbs. Net	6 lbs., Gross (Boxed), 3 lbs. Net	4 lbs. Gross (Boxed), 2.5 lbs. Net	4 lbs. Gross (Boxed), 6.5 lbs. Net



- 1) Passes power from IRD1 on port1 to LNP
- 2) Contains no active elements (amplifiers) to act as a single point of failure
- 3) Provides redundant LNB powering if adapter is used
- 4) Using A/C adapter allows for powering of LNB, even if IRD1 is turned off or fails

\*Specifications may vary with connector type. See data sheet for specific performance data. Call for other available configurations and options \*Adapters sold separately