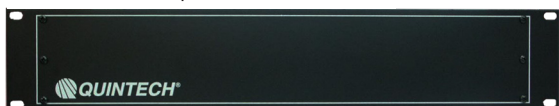


# LS 2150P Series Passive L-Band Splitters



LS 2150 Passive Splitter



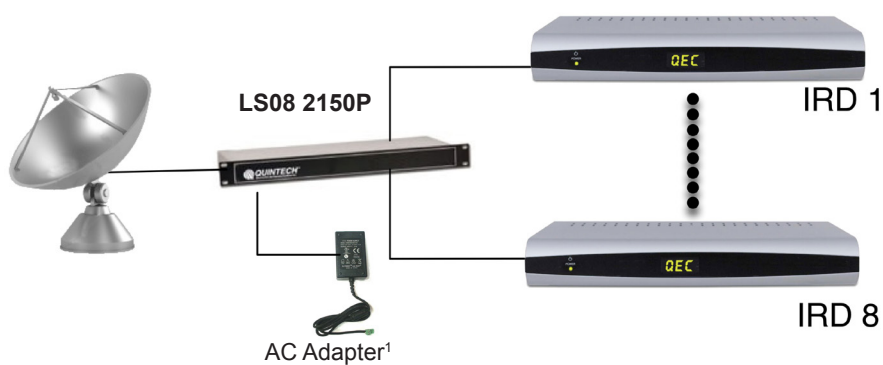
LS 2150 Passive Splitter

## 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 32 ports, including dual and quad units. A variety of features are available. The passive splitters are power and 10 MHz 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



Specifications*:	LS02 2150P	LS04 2150P	LS08 2150P	LS12 2150P	LS16 2150P	LS24 2150P	LS32 2150P
<b>Configuration:</b>	1x2	1x4	1x8	1x12	1x16	1x24	1x32
<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
<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
<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
<b>Frequency Response:</b>	± 0.5 dB	± 1 dB	± 1 dB	± 2 dB	± 2 dB	± 2 dB	± 2 dB
<b>Insertion Loss:</b>	4 dB ± 0.5 dB	8 ± 1 dB	11 ± 1.5 dB	17 ± 2 dB	18 dB ± 2 dB	21 ± 2 dB	22 ± 2 dB
<b>Input Return Loss:</b>	11 dB	13 dB	12 dB	14 dB	14 dB	10 dB	10 dB
<b>Output Return Loss:</b>	15 dB	14 dB	14 dB	14 dB	14 dB	13 dB	13 dB
<b>Isolation:</b>	18 dB	18 dB	18 dB	20 dB	18 dB	20 dB	20 dB
<b>Size:</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	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
<b>Weight</b>	3.5 lbs Gross (Boxed), 2.5 lbs Net	3.4 lbs Gross (Boxed), 2.2 lbs Net	3.7 lbs. Gross (Boxed), 2.7 lbs Net	4 lbs Gross (Boxed), 3 lbs Net	4 lbs Gross (Boxed), 3 lbs Net	9.5 lbs Gross (Boxed), 6.5 lbs Net	9.5 lbs Gross (Boxed), 6.5 lbs Net

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

<sup>1</sup>Adapters sold separately