

# LC 2150A Series & LSC 1000P Series

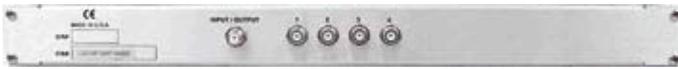
## Active (Amplified - Zero Loss) L-band Combiners Passive Broadband Splitter/Combiners



LC12 2150A 12-way Active L-band Combiner



LC24 2150A 24-way Active L-band Combiner



LSC04 1000P 4-way Passive Broadband Splitter/Combiner



LSC32 1000P 32-way Passive Broadband Splitter/Combiner

### General Description:

The LC 2150A Series commercial quality active L-band combiners meet strict level, match, and loss specifications achieved through the use of Quintech's proprietary microstrip and SMT technology. These unity gain combiners operate over the Satellite L-band (950-2150 MHz) frequency range and enable the combining of RF signals with repeatable performance over the entire frequency range and across all I/O ports.

The LSC 1000P Series are commercial quality passive broadband RF splitters / combiners that meet strict level, match, and loss specifications achieved through the use of Quintech's proprietary microstrip and SMT technology. They operate over the 5-1000 MHz frequency range and enable the splitting or combining of RF signals with repeatable performance over the entire frequency range and across all I/O ports. The LSC 1000P Series are commercial quality passive broadband RF splitters / combiners that meet strict level, match, and loss specifications achieved through the use of Quintech's proprietary microstrip and SMT technology. They operate over the 5-1000 MHz frequency range and enable the splitting or combining of RF signals with repeatable performance over the entire frequency range and across all I/O ports.

### LC 2150A Series

MODEL	LC12 2150A	LC24 2150A
Frequency:	950-2150 MHz	950-2150 MHz
Impedance:	75 Ω	75 Ω
P1dB:	-2 dBm (each input)	-5 dBm each input
Insertion Loss:	0 ± 2 dB	0 ± 2 dB
Frequency Response:	± 2 dB	± 2.5 dB
Isolation:	18 dB	18 dB
Input Return Loss:	12 dB	12 dB
Output Return Loss:	12 dB	12 dB
Noise Figure:	19 dB	27 dB
RF Connectors:	Type "F", 75 Ω	Type "F", 75 Ω
Power Requirements:	18-24 VDC via 2-pin quick connect barrier strip	18-24 VDC via 2-pin quick connect barrier strip
Power Consumption:	6 W	13 W
Mechanical:	1 RU (1.75"H x 19"W x 6.5"D)	2 RU (3.5"H x 19"W x 14"D)

### LSC 1000P Series

MODEL	LSC04 1000P	LSC08 1000P	LSC16 1000P	LSC32 1000P	LSC48 1000P	LSC64 1000P
Frequency	5-1000 MHz					
Impedance	75 Ω					
Insertion Loss	7.5 ± 1 dB	11.5 ± 2 dB	15 ± 2 dB	18 ± 1 dB	-21 dB ± 2 dB	22 dB
Frequency Response	± 2 dB	± 2.5 dB				
Isolation	16 dB					
Input Return Loss	14 dB	12 dB	12 dB	12 dB	13 dB	12 dB
RF Connectors	Type "F", 75 Ω (BNC optional)					
Mechanical	1 RU (1.75"H x 19"W x 6.5"D)	3 RU (5.25"H x 19"W x 20"D)	3 RU (5.25"H x 19"W x 20"D)			

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