

LC12 2150A LC122150A1FAA000



12-Way Active Combiner (950-2150 MHz)

General Description:

The **LC122150A1FAA000** is a commercial quality 12-way active combiner that meets strict level and match specifications achieved through the use of Quintech's proprietary microstrip and SMT technology. It operates over the 950-2150 MHz frequency range and enables the combining of RF signals with repeatable performance over the entire frequency range and across all I/O ports.

Note: All unused RF input ports must have 75 Ω terminations.

Specifications:

Frequency: 950-2150 MHz

Impedance: 75Ω

P1dB: -2 dBm (each input)

Insertion Loss: $0 \pm 2 \, dB$ Frequency Response: $\pm 2 \, dB$ Isolation: $18 \, dB$ Input Return Loss: $12 \, dB$ Output Return Loss: $12 \, dB$ Noise Figure: $19 \, dB$

RF Connectors: Type F, 75 Ω

Power Requirements: 18-24 V === @ 1A via 2-pin guick connect barrier strip

Power Consumption: 12 W

Mechanical:1 RU (1.75" H x 19" W x 6.5" D)Weight:5.0 lbs. gross (boxed), 2.5 lbs. netCertifications:CE, NRTL / TUV, FCC Part 15





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