

LC12 2150A
Part No. 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:	75 Ω
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 VDC via 2-pin quick connect barrier strip
Power Consumption:	6 W
Mechanical:	1 RU (1.75"H x 19"W x 6.5"D)
Weight:	5.0 lbs. gross (boxed), 2.5 lbs. net



250 Airport Road • Indiana, PA 15701 • (800) 839-3658 • (724) 349-1412 • Fax: (724) 349-1421

<http://www.qecinc.com/> • info@qecinc.com