

LC24 2150A LC242150A1FAB000 24-Way Active Combiner (950-2150 MHz)

General Description:

The **LC242150A1FAB000** is a commercial quality 24-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:	-5 dBm (each input)
Insertion Loss:	0 \pm 2.5 dB
Frequency Response:	\pm 2.5 dB
Isolation:	18 dB
Input Return Loss:	12 dB
Output Return Loss:	12 dB
Noise Figure:	27 dB
RF Connectors:	Type F, 75 Ω
Power Requirements:	18-24 V $\overline{\text{---}}$ via 2-pin quick connect barrier strip
Power Consumption:	13 W
Mechanical:	2 RU (3.5" H x 19" W x 14" D)
Weight:	10 lbs. gross (boxed), 6.5 lbs. net
Certifications:	CE



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

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