

LC8 2150A
Part No. LC082150A1FAA000
8-Way Active Combiner (950-2150 MHz)

General Description:

The **LC082150A1FAA000** is a commercial quality 8-way 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:	+1 dBm (each input)
Insertion Loss:	0 \pm 2 dB
Frequency Response:	\pm 2 dB
Isolation:	-18 dB
Input Return Loss:	16 dB
Output Return Loss:	10 dB
Noise Figure:	17 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:	5.5 lbs. gross (boxed), 2.5 lbs. net

