

LC64 1000A
LC641000A1FAC000
64-Way Active Combiner (5-1000 MHz)

General Description:

The **LC641000A1FAC000** is a commercial quality 64-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 5-1000 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:	5-1000 MHz
Impedance:	75 Ω
P1dB:	-2 dBm (each input)
Insertion Loss:	0 ± 2 dB @ 500 MHz
Frequency Response:	± 2.5 dB
Isolation:	-20 dB
Input Return Loss:	17 dB
Output Return Loss:	11 dB
Noise Figure	19 dB
RF Connectors:	Type F, 75 Ω
Power Requirements:	18-24 V _{DC} via 2-pin quick connect barrier strip
Power Consumption:	24 W
Mechanical:	3 RU (5.25" H x 19" W x 20" D)
Weight:	15.4 lbs. gross (boxed), 10 lbs. net
Certifications:	CE

