

LC32 1000A
LC321000A1FAB000
32-Way Active Combiner (5-1000 MHz)

General Description:

The **LC321000A1FAB000** is a commercial quality 32-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:	+1 dBm (each input)
Insertion Loss:	0 \pm 2 dB @ 500 MHz
Frequency Response:	\pm 2.5 dB
Isolation:	-16 dB
Input Return Loss:	12 dB
Output Return Loss:	12 dB
Noise Figure	24 dB
RF Connectors:	Type F, 75 Ω
Power Requirements:	18-24 V $\overline{\text{---}}$ via 2-pin quick connect barrier strip
Power Consumption:	17 W
Mechanical:	2 RU (3.5" H x 19" W x 14" D)
Weight:	10.7 lbs. gross (boxed), 6.2 lbs. net
Certifications:	CE

