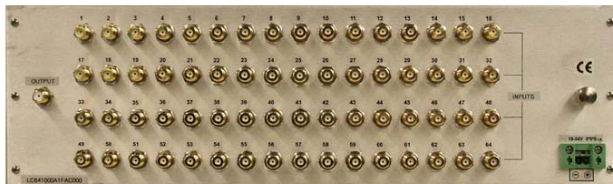


LC1000A Series Combiners



LC64 1000A 64-way Active Broadband Combiner

General Description:

The LC 1000A series is a commercial quality line of (5-1000 MHz) broadband RF combiner that meet strict level, match, and loss specifications achieved through the use of Quintech's proprietary microstrip and SMT technology. "Zero" loss and custom configurations available.

Features & Benefits:

- Convenient, centralized rack mount designs improve cable management
- Microstrip design provides better performance and reliability
- Larger configurations eliminate cascading for better performance
- Active (zero loss) combiners allow for ease in RF design
- Greatly improves cable management by allowing for easy access to cable routing and identification of cables
- Reduces cable connector failures by eliminating the need for frequent manual connects/disconnects

LC 1000A Series

*Specifications:	LC16 1000A	LC32 1000A	LC64 1000A
Configurations:	1x16	1x32	1x64
Frequency:	5-1000 MHz	5-1000 MHz	5-1000 MHz
Impedance:	75 Ω	75 Ω	75 Ω
P1dB:	+8 dBm Each Input	+1 dBm Each Input (Single Carrier Equiv.)	- 2.0 dBm (Each Input)
Insertion Loss:	0 ± 2 dB @ 500MHz	0 ± 2 dB @ 500MHz	0 ± 2 dB @ 500MHz
Frequency Response:	± 2.5 dB	± 2.5 dB	± 2.5 dB
Isolation:	16 dB	16 dB	20 dB
Input Return Loss:	14 dB	12 dB	17 dB
Output Return Loss:	7 dB	12 dB	12 dB
RF Connectors:	Type "F", 75 Ω, BNC	Type "F", 75 Ω, BNC	Type "F", 75 Ω, BNC
Power Requirements:	18-24 VDC Via 2-Pin Quick Connect Barrier Strip	18-24 VDC Via 2-Pin Quick Connect Barrier Strip	18-24 VDC Via 2-Pin Quick Connect Barrier Strip
Power Consumption:	14 W	17 W	24 W
Mechanical:	1 RU (1.75"H x 19"W x 6.5"D)	2 RU (3.5"H x 19"W x 14"D)	3 RU (5.25"H x 19"W x 20"D)

*Specifications may vary with connector type. See data sheet for specific performance data. Call for additional configuration or powering. AC adapter sold separately

