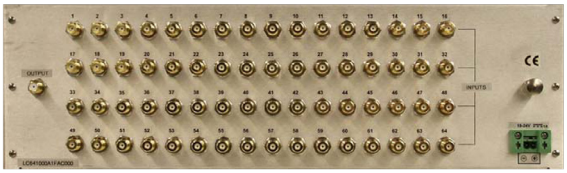
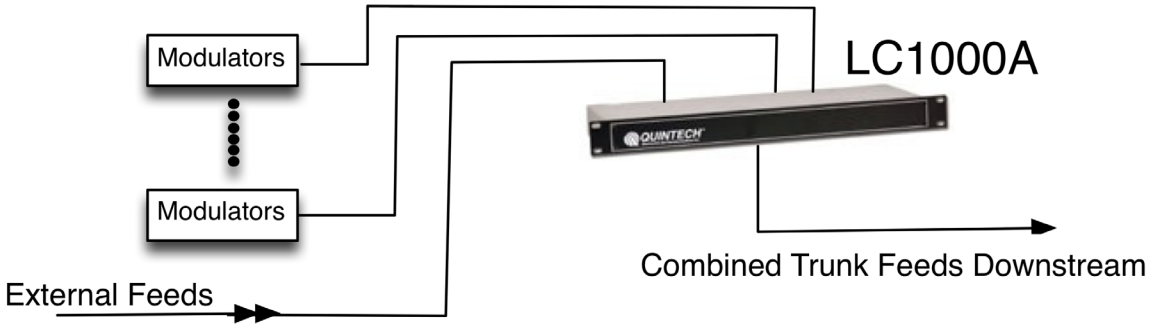
LC 1000A Series
Active Broadband Combiners



***LC64* 1000A**
64-way Active Broadband Combiner

General Description:
The ***LC 1000A*** series is a commercial quality line of (5-1000 MHz) active broadband RF combiners that meet strict level, match, and loss specifications achieved through the use of Quintech's proprietary technology. 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 an identification of cables
- Reduces cable connector failures by eliminating the need for frequent manual connects/disconnects



Specifications:*	*LC16 1000A*	*LC32 1000A*	*LC64 1000A*
Operating Frequency:	5-1000 MHz	5-1000 MHz	5-1000 MHz
Configurations:	16x1	32x1	64x1
Impedance:	75 Ω, 50 Ω	75 Ω, 50 Ω	75 Ω, 50 Ω
P1dB:	+8 dBm Each Input	+1 dBm Each Input (Single Carrier Equivalent)	-2.0 dBm Each Input
Insertion Loss:	0 ± 2 dB @ 500 MHz	0 ± 2 dB @ 500 MHz	0 ± 2 dB @ 500 MHz
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:	F-Type, BNC 75 Ω	F-Type, BNC 75 Ω	F-Type, BNC 75 Ω
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 individual specification sheet for specific performance data. Call for additional configuration or powering. AC adapter sold separately