



FEATURES:

LS 1000A RF Splitters and LC 1000A RF Combiners are a commercial quality line of broadband RF splitters (power dividers) and RF combiners that meet strict level, match, and loss specifications achieved through the use of Quintech's proprietary microstrip and SMT technology.

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

LS16-1000A 16 Way Amplified Splitters for Broadband- Specifications

Frequency:	5-1000 MHz
Impedance:	75 Ω
P1dB:	+6 dBm (input)
Insertion Loss:	0 + 2 dB (@ 500 MHz)
Frequency Response:	+2.5 dB
Isolation:	-16 dB
Input Return Loss:	13 dB
Output Return Loss:	14 dB
Noise Figure:	9 dB
RF Connectors:	Type F, 75 Ω
Power Requirements:	18-24 V via 2-pin quick connect barrier strip
Power Consumption:	13 W
Mechanical:	1 RU (1.75" H x 19" W x 6.5" D)
Weight:	5.0 lbs. gross (boxed), 2.5 lbs. net
Certifications:	CE

Specifications

LS32-1000A 32 Way Amplified Splitters for Broadband

Frequency: 5-1000 MHz
Impedance: 75 Ω
P1dB: +6 dBm
Insertion Loss: 0 + 2 dB @ 500 MHz
Frequency Response: + 2.0 dB
Isolation: -18 dB
Input Return Loss: 14 dB
Output Return Loss: 15 dB
Noise Figure: 12 dB
RF Connectors: Type F, 75 Ω
Power Requirements: 18-24 V via 2-pin quick
disconnect barrier strip
Power Consumption: 17 W
Mechanical: 2 RU (3.5" H x 19" W x 14" D)
Weight: 10.0 lbs. gross (boxed), 6.0 lbs. net
Certifications: CE

LS48-1000A 48 Way Amplified Splitters for Broadband

Frequency: 5-1000 MHz
Impedance: 75 Ω
P1dB: +3 dBm
Insertion Loss: 0 + 2 dB @ 500 MHz
Frequency Response: + 2 dB
Isolation: -16 dB
Input Return Loss: 14 dB
Output Return Loss: 15 dB
Noise Figure: 13 dB
RF Connectors: Type F, 75 Ω
Power Requirements: 18-24 V via 2-pin
quick connect barrier strip
Power Consumption: 20 W
Mechanical: 3 RU (5.25" H x 19" W x 20" D)
Weight: 14.5 lbs. gross (boxed), 9.5 lbs. net
Certifications: CE

LS64-1000A 64 Way Amplified Splitters for Broadband

Frequency: 5-1000 MHz
Impedance: 75 Ω
P1dB: +3 dBm
Insertion Loss: 0 + 2 dB @ 500 MHz
Frequency Response: + 2.0 dB
Isolation: -18 dB
Input Return Loss: 14 dB
Output Return Loss: 15 dB
Noise Figure: 13 dB
RF Connectors: Type F, 75 Ω
Power Requirements: 18-24 V via 2-pin
quick connect barrier strip
Power Consumption: 25 W
Mechanical: 3 RU (5.25" H x 19" W x 20" D)
Weight: 15.4 lbs. gross (boxed), 10 lbs. net
Certifications: CE