

# LS 1000A Series

## Active (Amplified - Zero Loss) Splitters



**LS16 1000A**  
16-way Active Broadband Splitter



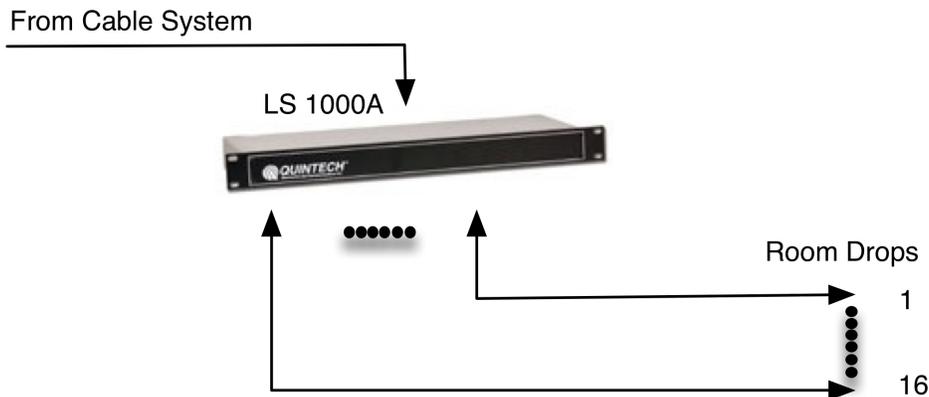
**LS32 1000A**  
32-way Active Broadband Splitter

### General Description:

The **LS** series is a commercial quality line of (5-1000 MHz) active broadband RF splitters 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) splitters 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



For distribution of cable feed to individual drops - downstream only

Specifications:*	LS16 1000A	LS32 1000A	LS48 1000A	LS64 1000A
<b>Operating Frequency:</b>	5-1000 MHz	5-1000 MHz	5-1000 MHz	5-1000 MHz
<b>Configurations:</b>	1x16	1x32	1x48	1x64
<b>P1dB:</b>	+6 dBm	+6 dBm	+3 dBm	+3 dBm
<b>Insertion Loss:</b>	0 + 2 dB @ 500 MHz	0 ± 2 dB @ 500 MHz	0 ± 2 dB @ 500 MHz	0 ± 2 dB @ 500 MHz
<b>Frequency Response:</b>	± 2.5 dB	± 2 dB	± 2 dB	± 2 dB
<b>Isolation:</b>	16 dB	18 dB	16 dB	18 dB
<b>Input Return Loss:</b>	13 dB	14 dB	14 dB	14 dB
<b>Output Return Loss:</b>	14 dB	15 dB	15 dB	15 dB
<b>RF Connectors:</b>	F-Type, BNC 75 Ω			
<b>Power Requirements:</b>	18-24 VDC Via 2-Pin Quick Connect 100-240 VAC, 50/60 Hz	18-24 VDC Via 2-Pin Quick Connect 100-240 VAC, 50/60 Hz	18-24 VDC Via 2-Pin Quick Connect 100-240 VAC, 50/60 Hz	18-24 VDC Via 2-Pin Quick Connect 100-240 VAC, 50/60 Hz
<b>Power Consumption:</b>	13 W	17 W	20 W	25 W
<b>Mechanical:</b>	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	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.