LS 1000A Series
Active (Amplified - Zero Loss) Splitters
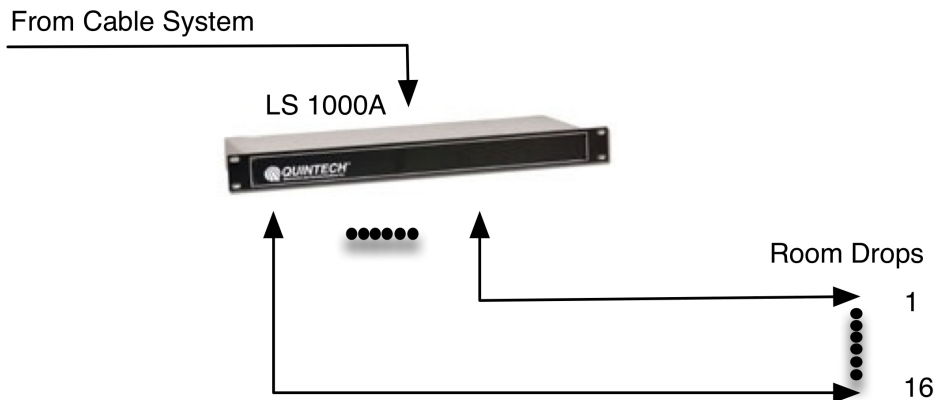

LS16 1000A
16-way Active Broadband Splitter

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
Configurations:	1x16	1x32	1x48	1x64
RF Connectors:	F-Type, BNC 75 Ω	F-Type, BNC 75 Ω	F-Type, BNC 75 Ω	F-Type, BNC 75 Ω
Operating Frequency:	5-1000 MHz	5-1000 MHz	5-1000 MHz	5-1000 MHz
Frequency Response:	± 2.5 dB	± 2 dB	± 2 dB	± 2 dB
P1dB:	+6 dBm	+6 dBm	+3 dBm	+3 dBm
Input Return Loss:	13 dB	14 dB	14 dB	14 dB
Output Return Loss:	14 dB	15 dB	15 dB	15 dB
Insertion Loss:	0 + 2 dB @ 500 MHz	0 ± 2 dB @ 500 MHz	0 ± 2 dB @ 500 MHz	0 ± 2 dB @ 500 MHz
Isolation:	16 dB	18 dB	16 dB	18 dB
Power Requirements:	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
Power Consumption:	13 W	17 W	20 W	25 W
Size:	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.

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