

# LS1000A Series Active (Amplified-Zero Loss) Splitters



### General Description:

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



LS16 1000A 16-way Active Broadband Splitter

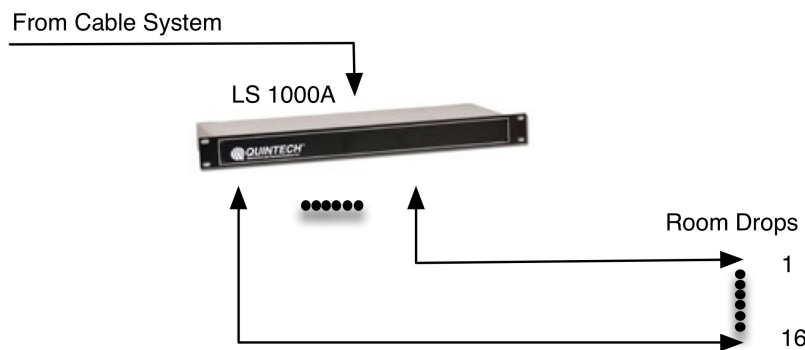


LS32 1000A 32-way Active Broadband Splitter

### 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

*Specifications:	LS16 1000A	LS32 1000A	LS48 1000A	LS64 1000A
<b>Configurations:</b>	1x16	1x32	1x48	1x64
<b>Frequency:</b>	5-1000 MHz	5-1000 MHz	5-1000 MHz	5-1000 MHz
<b>Impedance:</b>	75 Ω	75 Ω	75 Ω	75 Ω
<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>	Type "F", 75 Ω, BNC	Type "F", 75 Ω, BNC	Type "F", 75 Ω, BNC	Type "F", 75 Ω, BNC
<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)



For distribution of cable feed to individual drops - down stream only