

LS 1000A 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 Quintech's proprietary technology. Custom configurations available.

Features & Benefits:

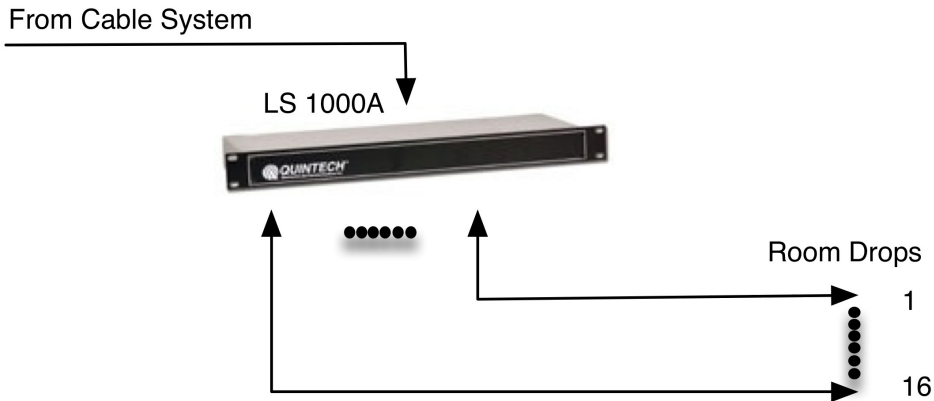
- Convenient, centralized rack mount designs improve cable management
- Microstrip design provides better performance and reliability
- Larger configurations eliminate cascading for better performance
- Active (zero loss) splitters allow for ease in RF design
- Greatly improves cable management by allowing for easy access to cable routing and identification of cables
- Reduces cable connector failures by eliminating the need for frequent manual connects disconnects



LS16 1000A
16-way Active Broadband Splitter



LS32 1000A
32-way Active Broadband Splitter



For distribution of cable feed to individual drops - downstream only

| Specifications:* | LS16 1000A | LS32 1000A | LS48 1000A | LS64 1000A |
|-----------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| Operating Frequency: | 5-1000 MHz | 5-1000 MHz | 5-1000 MHz | 5-1000 MHz |
| Configurations: | 1x16 | 1x32 | 1x48 | 1x64 |
| P1dB: | +6 dBm | +6 dBm | +3 dBm | +3 dBm |
| Insertion Loss: | 0 + 2 dB @ 500 MHz | 0 ± 2 dB @ 500 MHz | 0 ± 2 dB @ 500 MHz | 0 ± 2 dB @ 500 MHz |
| Frequency Response: | ± 2.5 dB | ± 2 dB | ± 2 dB | ± 2 dB |
| Isolation: | 16 dB | 18 dB | 16 dB | 18 dB |
| Input Return Loss: | 13 dB | 14 dB | 14 dB | 14 dB |
| Output Return Loss: | 14 dB | 15 dB | 15 dB | 15 dB |
| RF Connectors: | F-Type, BNC 75 Ω | 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 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 |
| 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 | 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.