



FEATURES:

The **LSC 1000P** Series are commercial quality passive broadband RF power splitters/ combiners that meet strict level, match, and loss specifications achieved through the use of Quintech's proprietary microstrip and SMT technology. They operate over the 5-1000 MHz frequency range and enable the splitting or combining of RF signals with repeatable performance over the entire frequency range and across all I/O ports.

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- 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 power 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

Specifications

LSC04-1000P 04 Way Passive Splitters/Combiners for Broadband

Frequency: 5-1000 MHz
Impedance: 75 Ω
Insertion Loss: 7.5 + 1 dB
Frequency Response: + 2 dB
Isolation: -16 dB
Return Loss: 14 dB
RF Connectors: Type F, 75 Ω
Mechanical: 1 RU (1.75" H x 19" W x 6.5" D)
Weight: 3.0 lbs. gross (boxed), 2.0 lbs. net
Certifications: CE

LSC08-1000P 08 Way Passive Splitters/Combiners for Broadband

Frequency: 5-1000 MHz
Impedance: 75 Ω
Insertion Loss: 11.5 + 2 dB
Frequency Response: + 2 dB
Isolation: -16 dB
Return Loss: 12 dB
RF Connectors: Type F, 75 Ω
Mechanical: 1 RU (1.75" H x 19" W x 6.5" D)
Weight: 3.5 lbs. gross (boxed), 2.5 lbs. net
Certifications: CE

LSC12-1000P 12 Way Passive Splitters/Combiners for Broadband

Frequency: 5-1000 MHz
Impedance: 75 Ω
Insertion Loss: 15.0 dB (@500 MHz)
Frequency Response: \pm 2 dB
Isolation: 17 dB
Return Loss: 12 dB
RF Connectors: Type 'F', 75 Ω
Mechanical: 1 RU (1.75"H x 19"W x 6.5"D)
Weight: 3.5 lbs. gross (boxed), 2.5 lbs.net

LSC16-1000P 16 Way Passive Splitters/Combiners for Broadband

Frequency: 5-1000 MHz
Impedance: 75 Ω
Insertion Loss: 15 + 2.5 dB
Frequency Response: + 2.5 dB
Isolation: -20 dB
Return Loss: 14 dB
RF Connectors: Type F, 75 Ω
Mechanical: 1 RU (1.75" H x 19" W x 6.5" D)
Weight: 3.8 lbs. gross (boxed), 2.6 lbs. net
Certifications: CE

LSC32-1000P 32 Way Passive Splitters/Combiners for Broadband

Frequency: 5-1000 MHz
Impedance: 75 Ω
Insertion Loss: 18 + 2.5 dB @ 500 MHz
Frequency Response: + 2.5 dB
Isolation: -20 dB
Return Loss: 12 dB
RF Connectors: Type F, 75 Ω
Mechanical: 1 RU (1.75" H x 19" W x 6.5" D)
Certifications: CE

LSC48-1000P 48 Way Passive Splitters/Combiners for Broadband

Frequency: 5-1000 MHz
Impedance: 75 Ω
Insertion Loss: -21 dB + 2 dB @ 500 MHz
Frequency Response: + 2 dB Isolation: -16 dB
Return Loss: 13 dB
RF Connectors: Type F, 75 Ω
Mechanical: 3 RU (5.25" H x 19" W x 20" D)
Weight: 12.0 lbs. gross (boxed), 9.0 lbs. net
Certifications: CE

LSC64-1000P 64 Way Passive Splitters/Combiners for Broadband

Frequency: 5-1000 MHz
Impedance: 75 Ω
Insertion Loss: 23 dB + 2.5 dB
Frequency Response: + 2.5 dB
Isolation: -20 dB
Return Loss: 12 dB
RF Connectors: Type F, 75 Ω
Mechanical: 3 RU (5.25" H x 19" W x 20" D)
Weight: 14 lbs. gross (boxed), 9.62 lbs. net
Certifications: CE