QUINTECH®
The Source for RF Reliability

toner cable equipment, inc.
www.tonercable.com

LSC1000P Series

Passive Broadband Combiners

LSC04 1000P 4-way Passive Broadband Splitter/Combiner

LSC32 1000P 32-way Passive Broadband Splitter/Combiner

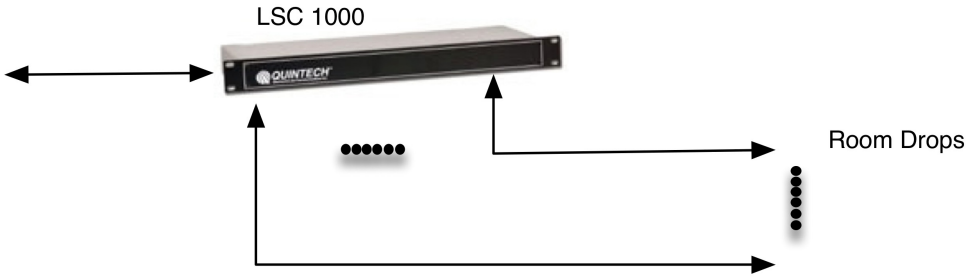
General Description:

The LSC 1000P series are commercial quality passive broadband RF 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.

LSC 1000P Series

*Specifications:	LSC04 1000P	LSC08 1000P	LSC16 1000P	LSC32 1000P	LSC48 1000P	LSC64 1000P
Configuration:	1x4	1x8	1x16	1x32	1x48	1x64
Frequency:	5-1000 MHz	5-1000 MHz	5-1000 MHz	5-1000 MHz	5-1000 MHz	5-1000 MHz
Impedance:	75 Ω	75 Ω	75 Ω	75 Ω	75 Ω	75 Ω
Insertion Loss:	7.5 ± 1 dB	11.5 ± 2 dB	15 ± 2.5 dB	18 ± 2.5 dB	21 dB ± 2 dB	23 dB ± 2.5 dB
Frequency Response:	± 2 dB	± 2 dB	± 2.5 dB	± 2.5 dB	± 2 dB	± 2.5 dB
Isolation:	16 dB	16 dB	20 dB	20 dB	16 dB	20 dB
Input Return Loss:	14 dB	12 dB	14 dB	12 dB	13 dB	12 dB
RF Connectors:	Type "F" ,75 Ω (BNC Optional)	Type "F", 75 Ω (BNC Optional)	Type "F",,75 Ω (BNC Optional)	Type "F" ,75 Ω (BNC Optional)	Type "F", 75 Ω (BNC Optional)	Type "F" ,75 Ω (BNC Optional)
Mechanical:	1 RU (1.75"H x 19"W x 6.5"D)	1 RU (1.75"H x 19"W x 6.5"D)	1 RU (1.75"H x 19"W x 6.5"D)	1 RU (1.75"H x 19"W x 6.5"D)	3 RU (5.25"H x 19"W x 20"D)	3 RU (5.25"H x 19"W x 20"D)
Weight	3.5 lbs. Gross (Boxed), 2.5 lbs. Net	3.5 lbs. Gross (Boxed), 2.5 lbs. Net	4 lbs. Gross (Boxed), 3 lbs. Net	4.5 lbs. Gross (Boxed), 3.5 lbs. Net	12 lbs. Gross (Boxed), 9lbs. Net	14 lbs. Gross (Boxed), 9.62 lbs. Net

*Specifications may vary with connector type. See data sheet for specific performance data. Call for additional configuration or powering.



For Bi-directional cabe feeds where
downstream is 50-1000MHz & upstream is 5-50MHz

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