

LSC 1000P 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.

Specifications:*	LSC04 1000P	LSC08 1000P	LSC16 1000P	LSC32 1000P	LSC48 1000P	LSC64 1000P
Operating Frequency:	5-1000 MHz	5-1000 MHz	5-1000 MHz	5-1000 MHz	5-1000 MHz	5-1000 MHz
Configuration:	1x4	1x8	1x16	1x32	1x48	1x64
Impedance:	75 Ω 50 Ω	75 Ω 50 Ω	75 Ω 50 Ω	75 Ω 50 Ω	75 Ω 50 Ω	75 Ω 50 Ω
Insertion Loss:	7.5 dB ± 1 dB	11.5 dB ± 2 dB	15 dB ± 2.5 dB	18 dB ± 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
Return Loss:	14 dB	12 dB	14 dB	12 dB	13 dB	12 dB
RF Connectors:	F-Type, (BNC 75 Ω optional)	F-Type, (BNC 75 Ω optional)	F-Type, (BNC 75 Ω optional)	F-Type, (BNC 75 Ω optional)	F-Type, (BNC 75 Ω optional)	F-Type, (BNC 75 Ω 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), 9 lbs Net	14 lbs Gross (boxed), 9.62 lbs Net

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