Product catalog

Power Combiners

RF power combiners add coherent input signals into one output path. Selection depends on topology, combining loss, amplitude and phase balance, isolation, return loss and the power and mismatch at every port.



Products: 3

Revision: 1 · Revision date: 2026-11-08



LCPC-100-500-1000-4

100–500 MHz Four-Way RF Power Combiner, 1000 W

Four paths combine across 100–500 MHz with 1000 W stated power handling. Insertion loss is 0.9 dB typical and phase balance is ≤±3°.

Model number: Value: LCPC-100-500-1000-4

Frequency range: Value: 100–500 (Minimum: 100 MHz. Maximum: 500 MHz.); Unit: MHz

Number of ways: Value: 4

Insertion loss: Value: 0.9 (Typical: 0.9 dB.); Unit: dB

Product details Product datasheet



LCPC-30-100-2000-4

30–100 MHz Four-Way RF Power Combiner, 2000 W

Four paths combine at 30–100 MHz with 2000 W stated power handling and 0.6 dB typical insertion loss. Amplitude balance is ≤±0.2 dB.

Model number: Value: LCPC-30-100-2000-4

Frequency range: Value: 30–100 (Minimum: 30 MHz. Maximum: 100 MHz.); Unit: MHz

Number of ways: Value: 4

Insertion loss: Value: 0.6 (Typical: 0.6 dB.); Unit: dB

Product details Product datasheet



LCPC-500-1000-500-4

500–1000 MHz Four-Way RF Power Combiner, 500 W

Four paths combine across 500–1000 MHz with 500 W stated power handling. Insertion loss is 0.9 dB typical and phase balance is ≤±5°.

Model number: Value: LCPC-500-1000-500-4

Frequency range: Value: 500–1000 (Minimum: 500 MHz. Maximum: 1000 MHz.); Unit: MHz

Number of ways: Value: 4

Insertion loss: Value: 0.9 (Typical: 0.9 dB.); Unit: dB

Product details Product datasheet

Document notice

Specifications are subject to revision. Before design release, confirm the current document revision and product-specific requirements with LCRF. The approved quotation and order documentation define the supplied configuration.