Product catalog

Bi-directional Couplers

Bi-directional couplers sample forward and reverse RF power in the same transmission path, usually through separate coupled ports. They are used when delivered and reflected power must be monitored together in amplifiers, antenna feeds and RF tests.



Products: 1

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



LCBDC-900-9000-35

0.9–9 GHz Bidirectional RF Coupler, 35 dB Typical Coupling

This coupler samples forward and reverse signals across 0.9–9 GHz. Coupling is 35 dB typical, with insertion loss no greater than 0.3 dB.

Frequency range: Value: 0.9–9.0; Unit: GHz; Notes: Minimum: 0.9 GHz. Maximum: 9 GHz.

Insertion loss: Value: ≤0.3; Unit: dB; Notes: Maximum: 0.3 dB.

Coupling: Value: 33 / 35 / 37; Unit: dB; Notes: Minimum: 33 dB. Typical: 35 dB. Maximum: 37 dB.

Directivity: Value: 10 / 15; Unit: dB; Notes: Minimum: 10 dB. Typical: 15 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.