Product catalog

RF Bias Tees and DC Blocks

RF bias tees combine DC bias with an RF path, while DC blocks pass RF and prevent direct current between stages or test ports.



Products: 2

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



LCBT-30-6000

30 MHz–6 GHz RF Bias Tee

This bias tee combines the 30 MHz–6 GHz RF path with DC bias injection. The source table lists 1 dB insertion loss and 0.3 A operating current as typical values.

Frequency range: Value: 30–6000; Unit: MHz; Notes: Minimum: 30 MHz. Maximum: 6000 MHz.

Insertion loss: Value: 1; Unit: dB; Notes: Typical: 1 dB.

Return loss: Value: −15; Unit: dB; Notes: Typical: -15 dB.

Operating voltage: Value: 5 / 12; ≤30; Unit: V; Notes: Typical: 5/12 V. Maximum: 30 V.

Product details Product datasheet



LCBT-6000-9000

6–9 GHz RF Bias Tee

LCBT-6000-9000 combines 6–9 GHz RF signals with DC bias for microwave test setups. Typical insertion loss is 1 dB and typical operating current is 0.3 A.

Frequency range: Value: 6000–9000; Unit: MHz; Notes: Minimum: 6000 MHz. Maximum: 9000 MHz.

Insertion loss: Value: 1; Unit: dB; Notes: Typical: 1 dB.

Input/output reflection (S11): Value: −15; Unit: dB; Notes: Typical: -15 dB.

Operating voltage: Value: 5 / 12; ≤30; Unit: V; Notes: Typical: 5/12 V. Maximum: 30 V.

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.