B-WIC & B-SMC

Impedance Test Adapters

In combination with the **Vector Network Analyzer Bode 100**, the impedance adapters **B-WIC** and **B-SMC** are the perfect choice for impedance measurements of passive electronic components. The B-WIC is especially designed for through hole type components, while the B-SMC is the ideal adapter for all common passive surface mount devices.

Key features

- Optimized for LCR-Q measurements of passive electronic components
- Measurement of complex impedances (magnitude and phase)
- Extremely wide frequency range: 1 Hz – 40 MHz
- Fast test object exchange
- CE compliant, RoHS compliant

Connectors

Source input:	BNC socket
Measurement outputs:	BNC sockets
Connectors for test object:	Gold plated electrodes with spring mechanics for low contact resistance and reproducible results

Product specifications are subject to change without notice.

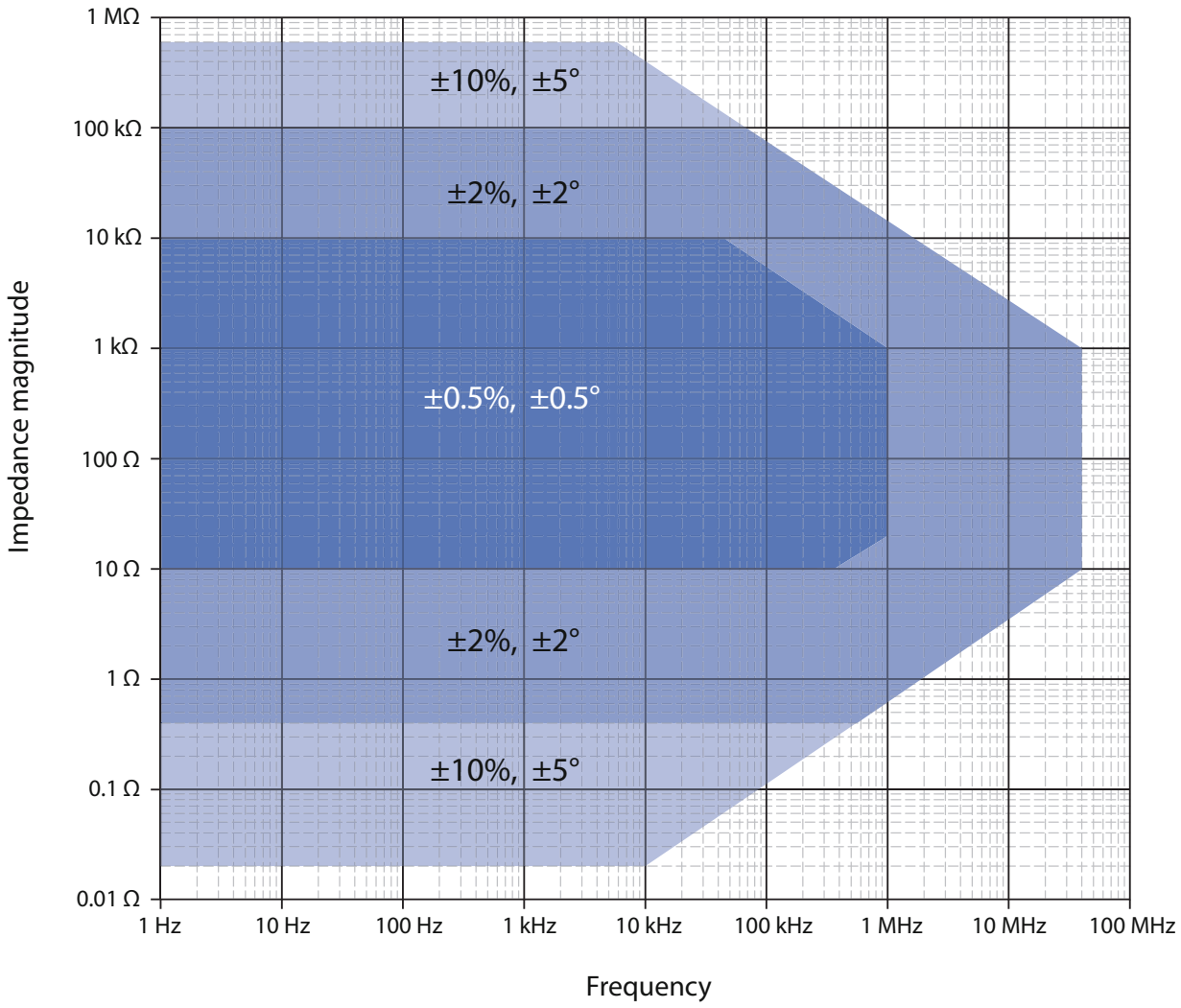
Electrical characteristics

Usable frequency range: 1 Hz – 40 MHz
Typical impedance range:[1] 0.02 Ω – 600 kΩ

Mechanical characteristics

Dimensions:[2] 100.5 x 68.2 x 55.5 mm
3.96" x 2.69" x 2.19"
Weight: B-SMC 0.13 kg / 0.29 lbs
B-WIC 0.16 kg / 0.35 lbs

Typical impedance measurement accuracy:[3]



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[1] Usable impedance magnitude range depends on frequency.

[2] Overall dimensions inlcuding connectors.

[3] Maximum deviation from results achieved with Agilent E4980A precision LCR-meter. Open calibration of B-SMC adapter performed with an adapter electrode distance equal to the test object size. Measurement done with 10 Hz receiver bandwidth. Above 2 MHz the basic equipment accuracy of the Bode 100 applies.