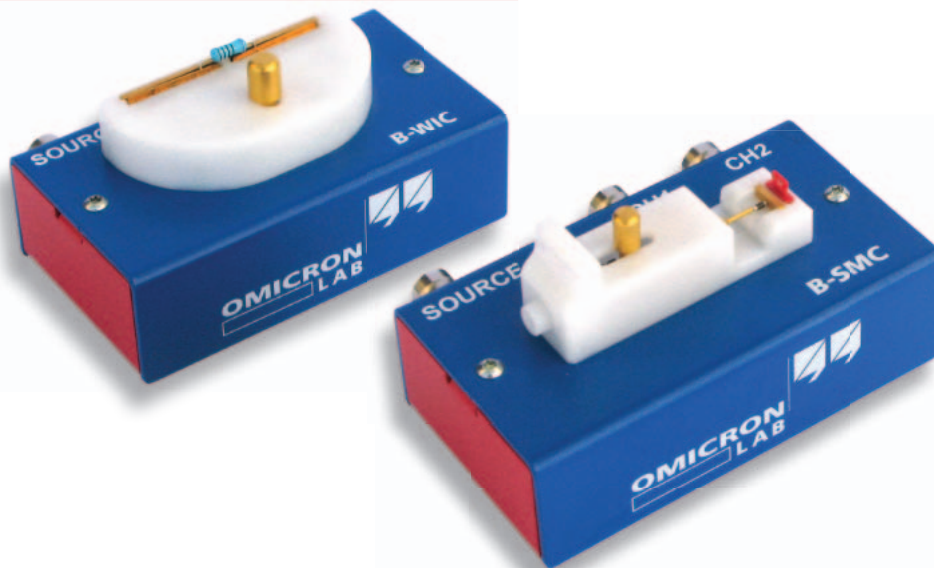


## B-WIC & B-SMC

Impedance 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:<sup>1</sup> 0.1 Ω – 400 kΩ

## Mechanical characteristics

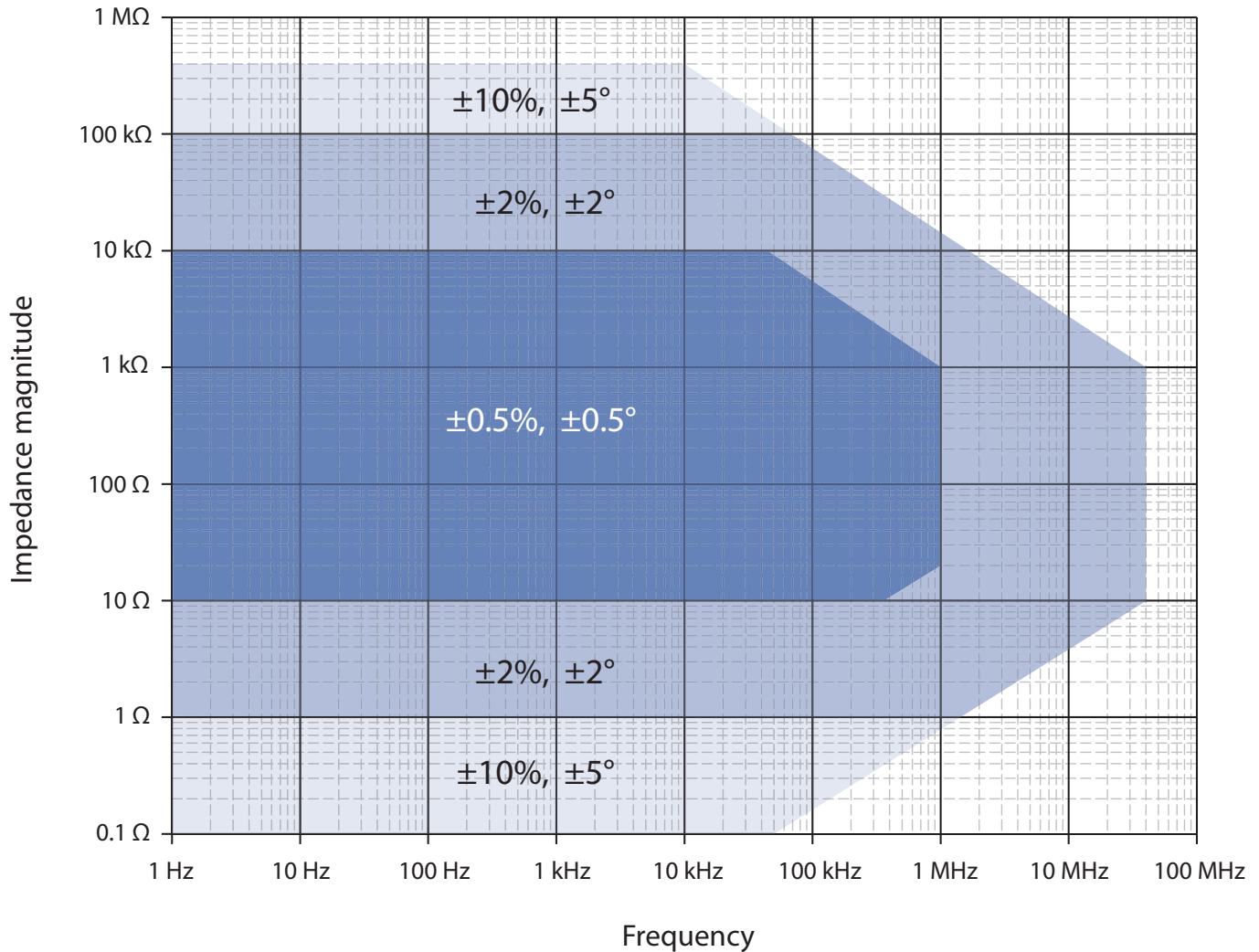
Dimensions:<sup>2</sup> 100.5 x 68.2 x 55.5 mm

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:<sup>3</sup>



V1.00

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<sup>1</sup> Impedance magnitude, usable impedance range depends on frequency.

<sup>2</sup> Overall dimensions including connectors.

<sup>3</sup> 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 basic equipment accuracy of Bode 100 applies.