



-WIT 100 - Signal injection into control loop circuits

To perform stability analysis of control loop circuits and power supplies under operating conditions it is necessary to insert signals into the closed control loop. Depending on the characteristic of the analyzed circuit, different requirements on injection transformers apply. OMICRON Lab's wideband injection transformer B WIT 100 has been especially developed to cope with all those requirements.

The B WIT 100 is the perfect choice for potential free signal insertion into electronic circuits. It combines a wide frequency range (1Hz - 10 MHz) with a 600V CAT II compliant output. The wide frequency range ensures that the

B WIT 100 can be used for the analysis of very slow control loops as well as very fast control loops. The 600V CAT II compliant output ensures that DC/DC converters with an output voltage ranging from a few volts up to mains voltage can be analyzed.

In combination with the vector network analyzer Bode 100 the injection transformer B WIT 100 rapidly provides exact results on the characteristic of the analyzed circuit.

Company data

OMICRON Lab (www.OMICRON-Lab.com) is a division of OMICRON electronics specialized in providing

Smart Measurement Solutions to professionals such as scientists, engineers and teachers engaged in the field of electronics. OMICRON Lab simplifies measurement tasks and provides its customers with more time to focus on their real business.



OMICRON Lab products stand for high quality offered at the best price/value ratio on the market. The products' reliability and ease of use guarantee trouble-free operation. Close customer relationship and more than 25 years in-house experience enable the development of innovative products close to the field.

OMICRON Lab was founded in 2006 and is meanwhile serving customers in more than 30 countries. Offices in America, Europe, East Asia and an international network of di-

stributors enable a fast and extraordinary customer support.

OMICRON electronics (www.omicron.at, www.omicronusa.com) is an international company providing innovative power system testing solutions. With sales in more than 100 countries, offices in Europe, the United States, and Asia, and a worldwide network of distributors and representatives, OMICRON has truly established its reputation as a supplier of leading edge technology with highest customer orientation.

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