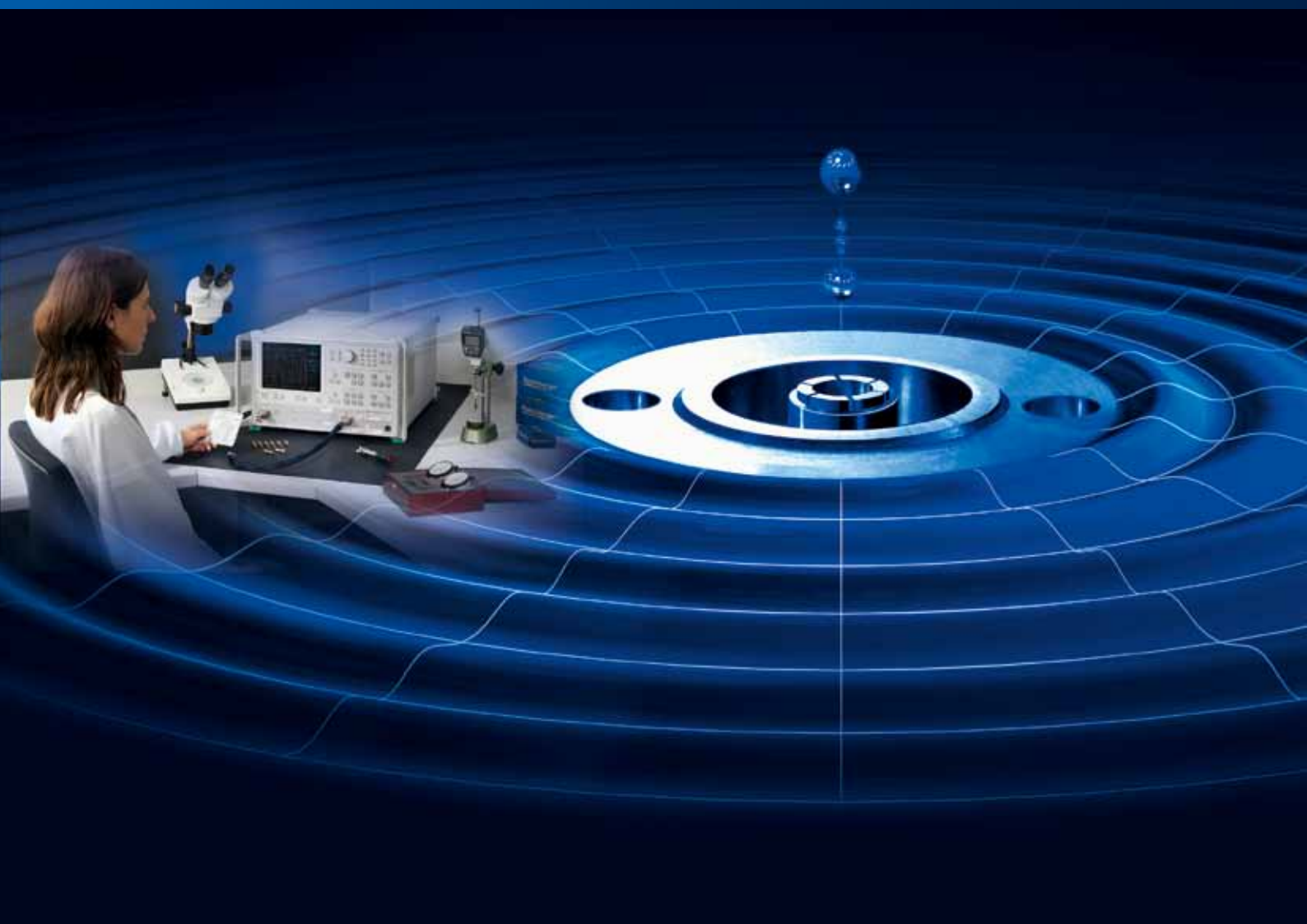


75 Ω Calibration Kit for Frequencies up to 12 GHz



75 Ω Calibration Kit

The high performance 75 Ω calibration kit from Rosenberger is designed for applications up to 12 GHz. The calibration kit contains RPC-N open, short and broadband loads for measurements in N 75 Ω applications.

Additionally, highest quality RPC-N 75 Ω to BNC 75 Ω adaptors enable measurements in BNC 75 Ω applications: calibrate in RPC-N 75 Ω series, connect the adaptor and measure in BNC 75 Ω series.

Features and applications

- 75 Ω high frequency test & measurement applications
- Calibration of RPC-N 75 Ω metrology interface
- Frequency range DC up to 12 GHz
- Converting in BNC 75 Ω interface using high performance adaptors



RPC-N 75 Ω Calibration Kit



Electrical Specifications

Devices	Frequency range	Parameters	Specifications
Open circuits RPC-N 75 Ω (male and female)	DC to ≤ 4 GHz > 4 GHz to ≤ 8 GHz > 8 GHz to ≤ 12 GHz	Deviation from nominal phase	≤ 1.5° ≤ 3.0° ≤ 4.0°
Short circuits RPC-N 75 Ω (male and female)	DC to ≤ 4 GHz > 4 GHz to ≤ 8 GHz > 8 GHz to ≤ 12 GHz	Deviation from nominal phase	≤ 1.5° ≤ 3.0° ≤ 4.0°
Broadband Loads RPC-N 75 Ω (male and female)	DC to ≤ 4 GHz > 4 GHz to ≤ 8 GHz > 8 GHz to ≤ 12 GHz	Return loss	≥ 40 dB ≥ 32 dB ≥ 30 dB
		Power handling	≤ 0.5 W
Adaptor RPC-N 75 Ω / BNC 75 Ω (male/male and male/female)	DC to ≤ 4 GHz > 4 GHz to ≤ 8 GHz > 8 GHz to ≤ 12 GHz	Return loss	≥ 30 dB ≥ 25 dB ≥ 15 dB
Torque wrench (across flats 20 mm)		Torque	1.10 Nm ± 0.05 Nm

Rosenberger-No.: P5CK140-170



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Certified by ISO/TS 16949 · ISO 9001 · ISO 14001

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