



Picture shows similar calibration kit

Usage

Please note: This Calibration Kit includes a set of adapters only. The full functionality is only given with an additional RPC-N calibration kit, details see necessary accessory.

Please see application note AN002 "S-Parameter Measurements with Non-Metrology Connector Interfaces" on the Rosenberger homepage for further, more detailed information.

Contents

Device	Part number	Quantity	Calibration Option ^a
Adaptor QN jack to RPC-N jack	153QK105-K20S3	2	FC
Adaptor QN plug to RPC-N plug	153QS105-S20S3	2	FC

a. See "Declaration of calibration options" for explanation.

Necessary accessory

- Rosenberger Calibration Kit RPC-N Full Version 05CK001-150
- or
- Rosenberger Calibration Kit RPC-N Industrial Version 05CK010-150
- or
- Equivalent OSLT Type N 50 Ohm Calibration Kit

Documentation

This kit is delivered with

- **USB-Stick**
Standard Definitions as data files for Vector Network Analyzer Family PNA (Keysight/Agilent).
Calibration Certificate as PDF-file.
- **Standard Definitions Cards**
Printed Standard Definitions that can be used on nearly all Vector Network Analyzers.
- **Kit Info Card**
Handling precautions and information for installing Standard Definitions on a Vector Network Analyzer.
- **Calibration Certificate**
Details see "Declaration of calibration options"
- **Operating Manual**

Electrical specifications

This specification covers electrical key values for the main calibration standards of the calibration kit.
Specific datasheets are available for each component among the part number.

Calibration standard	Frequency	Parameter	Specification
Calibration adaptor QN jack to RPC-N jack	DC to ≤ 3 GHz > 3 GHz to ≤ 6 GHz > 6 GHz to ≤ 11 GHz	Return Loss	≥ 34 dB ≥ 28 dB ≥ 25 dB
Calibration adaptor QN plug to RPC-N plug	DC to ≤ 3 GHz > 3 GHz to ≤ 6 GHz > 6 GHz to ≤ 11 GHz	Return Loss	≥ 34 dB ≥ 28 dB ≥ 20 dB

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Technical Data Sheet				Rosenberger			
QN		Calibration Kit Adapter Version		153QCK070-150			
Declaration of calibration options Factory Calibration Standard delivery for this kit includes a Factory Calibration. The Calibration Certificate issued reports individual calibration results, traceable to Rosenberger standards, national / international standards are not available. Model based standard definitions of the calibration standards are reported in an Agilent/Keysight, Rohde & Schwarz and Anritsu compatible VNA format. Accredited Calibration Not available. For further, more detailed information see application note AN001 on the Rosenberger homepage. Calibration interval Recommendation12 months Recommended accessories - Rosenberger Test Port Adaptor - Rosenberger VNA Test cable kit and Microwave Cable Assemblies For further, more detailed information please visit our homepage www.rosenberger.com.							
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