



Picture shows similar calibration kit

Contents

Device	Part number	Quantity	Calibration Option ^a
Open circuit	07P12L-000S3	1	FC
Short circuit	07P12S-000S3	1	FC
Calibration load	07P150-C10S3	1	FC
Torque wrench	07W021-000	1	FC
Gauge (including gauge block)	07W001-000	1	FC

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

Documentation

This kit is delivered with

- **USB-Stick**
Standard Definitions as data files for Vector Network Analyzer Families PNA (Keysight/Agilent) and ZVA (Rohde&Schwarz). 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
Open^b	DC to ≤ 4 GHz > 4 GHz to ≤ 18 GHz	Error from Nominal Phase	≤ 1.2° ≤ 2.5°
Short^b	DC to ≤ 4 GHz > 4 GHz to ≤ 18 GHz	Error from Nominal Phase	≤ 0.7° ≤ 1.5°
Calibration load	DC to ≤ 4 GHz > 4 GHz to ≤ 18 GHz	Return Loss	≥ 45 dB ≥ 32 dB

- b. The specifications for opens and shorts are given as allowed deviation from nominal model as defined in calibration certificate included with your kit.

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RF_35/05.10/6.1

Technical Data Sheet				Rosenberger			
RPC-7		Calibration Kit Full Version		07CK001-150			
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 Rosenberg standards, national / international standards are not available. Model based standard definitions of the calibration standards are reported in Agilent/Keysight, Rohde & Schwarz and Anritsu compatible VNA format. Accredited Calibration Not available. For further, more detailed information see application note AN001 on the Rosenberg homepage. Calibration interval Recommendation12 months Recommended accessories - Rosenberg Test Port Adaptor - Rosenberg VNA Test cable kit and Microwave Cable Assemblies For further, more detailed information please visit our homepage www.rosenberger.com.							
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