Technical Data Sheet		Rosenberger
QMA	Calibration Kit Adapter Version	**28CK070-150**



Usage

Please note: This Calibration Kit includes a set of adaptors only. The full functionality is only given with an additional RPC-3.50 calibration kit, details see necessary accessory.

Contents

Device	Part number	Quantity	Calibration Option[a]
Adaptor RPC-3.50 jack / QMA jack	03K128-K20N3	1	FC
Adaptor RPC-3.50 jack / QMA plug	03K128-S20N3	1	FC
Adaptor RPC-3.50 plug / QMA jack	03S128-K20N3	1	FC
Adaptor RPC-3.50 plug / QMA plug	03S128-S20N3	1	FC

a. See “Declaration of calibration options” for explanation.

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Necessary accessory

- Rosenberger Calibration Kit RPC-3.50 Full Version 03CK001-150
  or
- Rosenberger Calibration Kit RPC-3.50 Industrial Version 03CK010-150
  or
- Equivalent OSLT Type 3.50 Calibration Kit

Documentation

This kit is delivered with

- **USB-Stick**
  Standard Definitions as data files for Vector Network Anaylzer 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 adaptors	DC to ≤ 4 GHz > 4 GHz to ≤ 18 GHz	Return Loss	≥ 32 dB ≥ 24 dB

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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

Recommendation	12 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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