Technical Data Sheet

| 4.3-10 Calibration Kit Adapter Version | 64CK070-150 |

**Picture shows similar calibration kit**

**Usage**

Please note: This Calibration Kit includes a set of adaptors 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**

<table>
<thead>
<tr>
<th>Device</th>
<th>Part number</th>
<th>Quantity</th>
<th>Calibration Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adaptor RPC-N plug to 4.3-10 plug</td>
<td>05S164-S20S3</td>
<td>2</td>
<td>FC</td>
</tr>
<tr>
<td>Adaptor RPC-N jack to 4.3-10 jack</td>
<td>05K164-K20S3</td>
<td>2</td>
<td>FC</td>
</tr>
</tbody>
</table>

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

**Necessary accessory**

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

4.3-10 Calibration Kit Adapter Version 64CK070-150

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.

<table>
<thead>
<tr>
<th>Calibration standard</th>
<th>Frequency</th>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calibration adaptors</td>
<td>DC</td>
<td>to</td>
<td>Return Loss</td>
</tr>
<tr>
<td></td>
<td>&gt; 4 GHz</td>
<td>to</td>
<td></td>
</tr>
<tr>
<td></td>
<td>&gt; 6 GHz</td>
<td>to</td>
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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](http://www.rosenberger.com).

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<th>Rev.</th>
<th>Engineering change number</th>
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<tr>
<td>F. Reiner</td>
<td>12.05.16</td>
<td>H. Babinger</td>
<td>12.01.18</td>
<td>d00</td>
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<td>M. Ruf</td>
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