

35/09.14/6.2

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Technica	al Data Sheet		Rosenberger				
RPC-3.50	Calibration Adaptor Plug/Jack		03S121-K20S3				
Electrical data Frequency range Return loss		DC to 26.5 GHz ≥ 34 dB, DC to 4 GHz ≥ 32 dB, 4 GHz to 8 GHz ≥ 30 dB, 8 GHz to 26.5 GHz					
Mechanical data Mating cycles Maximum torque Recommended torque Gauge		≥ 500 1.70 Nm 0.90 Nm 0.00 mm to 0.04 mm					
For proper o of this calibra	ation standard. The different mo	odels, units	a) needs a model describing the electrical bel , and terms used will depend on the VNA typ sed on typical geometry and plating.				
Offset Delay	npedance / Z <sub>o</sub> trical) / Offset Length	50 Ω 84.0582 ps 25.20 mm 2.51 GΩ/s 0.0183 dB/√GHz					
Rated tempe	e <b>ntal data</b> mperature range <sup>1</sup> erature range of use <sup>2</sup> perature range	+20 °C to 0 °C to - 40 °C to	+50 °C				
<sup>2</sup> This range is	range over which these specification a underneath and above the operating te used without damage.	compliant re valid. emperature rai	nge, within the calibration adaptor is fully functional				
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### **Technical Data Sheet**

RPC-3.50

Calibration Adaptor Plug/Jack

# Rosenberger

## 03S121-K20S3

#### Declaration of calibration options

#### **Factory Calibration**

Standard delivery for this calibration standard includes a Factory Calibration. The Calibration Certificate issued reports individual calibration results, traceable to national / international standards. Model based standard definitions are reported in an Agilent/Keysight, Rohde & Schwarz and Anritsu compatible VNA format.

#### **Accredited Calibration**

Optional this calibration standard can be delivered with an Accredited Calibration (DAkkS) having the highest confidence in the traceability. The DAkkS Calibration Certificate issued reports individual calibration results in a complex format, traceable to national / international standards. Model based standard definitions are reported in an Agilent/Keysight, Rohde & Schwarz and Anritsu compatible VNA format. The uncertainties are smaller than in a Factory Calibration.

For further, more detailed information see application note AN001 on the Rosenberger homepage.

Calibration interval
Recommendation

12 months

Packing Standard Weight

1 pce in box 8.0 g/pce

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Approved	Date		Rev.	Engineering change number	Name	Date
Herbert Babinger	15.10.14	Markus Müller	17.10.16		g00	16-1390	Marion Striegler	17.10.16
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