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Technical Data Sheet			Rosenberger				
RPC-2.92	Calibration Adaptor Plug/Plug		02S121-S20S3				
Electrical data Frequency range Return loss		DC to 40 GHz \geq 32 dB, DC to 4 GHz \geq 28 dB, 4 GHz to 18 GHz \geq 25 dB, 18 GHz to 40 GHz					
Mechanical data Mating cycles Maximum torque Recommended torque Gauge		≥ 500 1.70 Nm 0.90 Nm 0.00 mm to 0.03 mm					
For proper o of this calibra will have to b	ation standard. The different mo e entered into the VNA. All value	odels, units ues are bas	 needs a model describing the electrical bel , and terms used will depend on the VNA typ sed on typical geometry and plating. 				
Offset Z _o / Impedance / Z _o Offset Delay Length (electrical) / Offset Length Offset Loss Loss		50 Ω 50.0346 ps 15.00 mm 2.70 GΩ/s 0.0117 dB/√GHz					
Environmental data Operating temperature range ¹ Rated temperature range of use ² Storage temperature range		+ 20 °C to +26 °C 0 °C to +50 °C - 40 °C to +85 °C					
² This range is	range over which these specification a underneath and above the operating te used without damage.		nge, within the calibration adaptor is fully functional				
		0					
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Calibration Adaptor Plug/Plug

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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.

12 months

Packing Standard Weight

1 pce in box 6.1 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
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