

35/09.14/6.2

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Technica	I Data Sheet		Rosenberg	er
RPC-2.92	Airline Plug / Jack		02S101-K075	
Electrical d		≤ 0.50 dB	at 40 GHz	
 Diameter ou Diameter initial Length oute Length inne Length diffe 	s que ed torque sions at 23 °C: iter conductor ner conductor r conductor r conductor	1.270 mm 75.00 mm	m ± 0.005 mm 1 ± 0.005 mm 1 + 0.02 mm 1 - 0.02 mm n	
	data (non warranted) racteristic impedance ¹	≥ 35 dB, 4	40 Ω).3 GHz to 4 GHz 4 GHz to 18 GHz 18 GHz to 40 GHz	
For proper we of this calibra and have to b	tion standard. Depending on t	the VNA typ	ed needs a model describing the electrical be e different models, units and terms are used sed on typical geometry and plating.	
- Offset Delay		250.288 μ 75.034 m 2.40 GΩ/s 0.0522 dF	m 	
	ntal data nperature range ³ perature range	+20 °C to 0 °C to +5 compliant	50 °C	
	is a recommendation. However, the rature change from 23 ℃ results in c			

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Technical Data Sheet

RPC-2.92 A

Airline Plug / Jack

Rosenberger

02S101-K075

Declaration of calibration options

Factory Calibration

Standard delivery for this calibration standard includes a Factory Calibration. The Calibration Certificate issued reports individual mechanical 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

Not available.

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

Calibration interval

Recommendation

12 months

Packing

Standard Weight Center conductor 1 pce in box 20.5 g/pce loose in an acrylic glass tube

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	04.12.14	Martin Moder	04.12.14		b00	14-1492	Herbert Babinger		04.12.14
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