

RF\_35/09.14/6.2

Technica	I Data Sheet		Rosenberg	jer
RPC-2.92	Airline Plug / Jack		02S101-K018	
Electrical d		≤ 0.15 dB	at 40 GHz	
<ul> <li>Diameter ou</li> <li>Diameter initial</li> <li>Length oute</li> <li>Length inne</li> <li>Length diffe</li> </ul>	e que ed torque sions at 23 °C: iter conductor ner conductor r conductor r conductor	1.270 mm 18.30 mm	n ± 0.005 mm ± 0.005 mm + 0.02 mm - 0.02 mm	
	data (non warranted) racteristic impedance <sup>1</sup>	≥ 35 dB, 4	40 Ω 0.3 GHz to 4 GHz 9 GHz to 18 GHz 8 GHz to 40 GHz	
For proper we of this calibra	tion standard. Depending on t	the VNA type	ed needs a model describing the electrical l e different models, units and terms are use sed on typical geometry and plating.	
<ul> <li>Offset Delay</li> <li>Length (electronic)</li> <li>Offset Loss</li> </ul>	npedance / Z <sub>o</sub> / ctrical) / Offset Length	50 Ω 61.095 ps 18.316 mi 2.40 GΩ/s	n 	
Storage temp RoHS 3. This range	ntal data nperature range <sup>3</sup> erature range is a recommendation. However, the rature change from 23 °C results in c		+26 °C 0 °C ised in a wider range.	

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### **Technical Data Sheet**

RPC-2.92 Airlin

Airline Plug / Jack

# Rosenberger

## 02S101-K018

#### 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 4.4 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 war	anty on
our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to impr	ove 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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