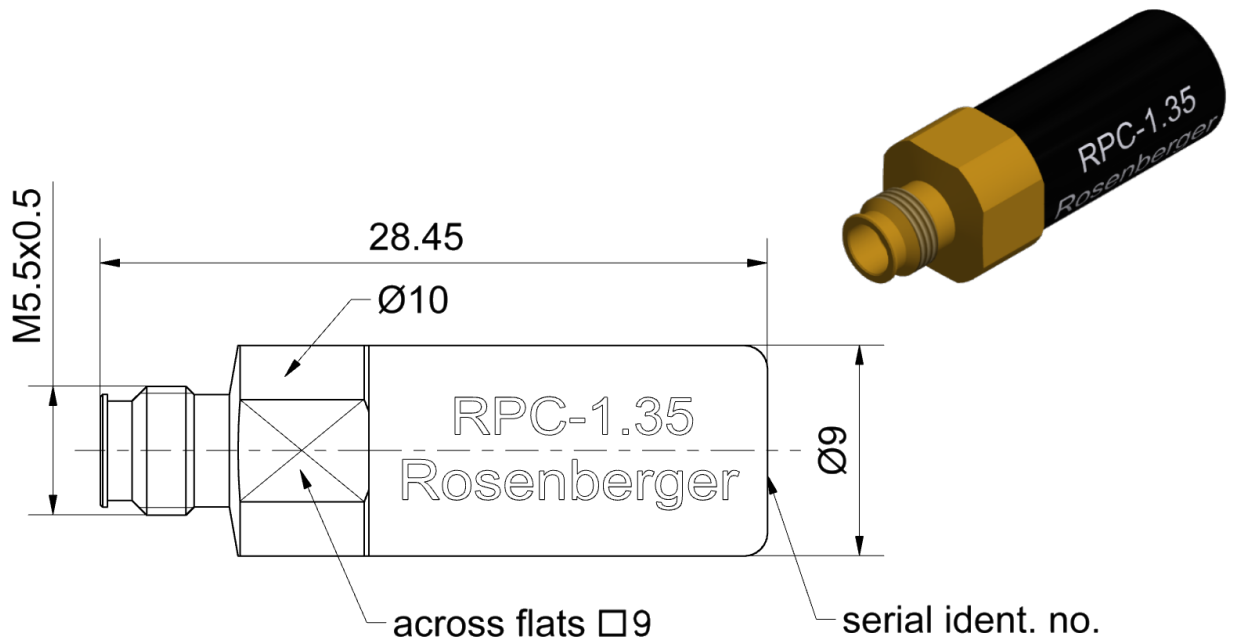




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to

IEC 61169-65

Documents

Application note

AN001 "Calibration Services"

Material and plating

Connector parts

Center conductor
Outer conductor
Dielectric

Material

CuBe
CuBe or equiv.
PMP

Plating

Gold, min. 1.27µm
Gold, min. 1.27µm

Electrical data

Frequency range DC to 90 GHz

This calibration standard is designed to be part of a Rosenberger RPC-1.35 calibration kit, e.g. P9CK010-150 or P9CK001-150. Please consult the data sheet of one of the mentioned calibration kits for the specified Residual System Data in that application.

Mechanical data

Mating cycles ≥ 3000
Maximum torque 1.65 Nm
Recommended torque 0.90 Nm
Gauge 0.003 mm to 0.020 mm

General standard definitions

For proper operation a vector network analyzer (VNA) needs a model describing the electrical behaviour of this calibration standard. Best measurement performance can be achieved when this model is data based and the supplied S1P-file is used.

Environmental data

Operating temperature range¹ +20 °C to +26 °C
Rated temperature range of use² 0 °C to +50 °C
Storage temperature range - 40 °C to +85 °C

RoHS compliant

¹ Temperature range over which these specifications are valid.

² This range is underneath and above the operating temperature range, within the open circuit is fully functional and could be used without damage.

Technical Data Sheet				Rosenberger			
RPC-1.35		Open Circuit Jack		P9K12L-000D3			

Declaration of calibration options

Factory Calibration

Standard delivery for this calibration standard includes a Factory Calibration. In a Calibration Certificate individual calibration results, traceable to national / international standards are reported. Data based definitions of this calibration standard are delivered as a S1P-file.

Accredited Calibration

Not available.

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

Calibration interval

Recommendation	12 months
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Packing

Standard	1 pce in box
Weight	6.5 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.

For the installation of the electrotechnical equipment, particular electrotechnical expertise is required.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Marcel Panicke	16.11.18	Lars Ramtke	06.04.22	c00	22-0672	David d'Argent	06.04.22

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