



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

Interface

According to IEC 61169-65

Documents

N/A

Material and plating

Connector parts

Center conductor
Outer conductor
Flange
Dielectric

Material

CuBe
Stainless steel
Brass
PEEK

Plating

Gold, min. 1.27µm
Passivated
Flash white bronze over silver(e.g. Optargen®)

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RF_35/09;14/6.2

Technical Data Sheet

Rosenberger

Floating Adaptor
RPC-1.35 Plug – RPC-1.35 Jack

P9K721-S23S3

Electrical data

Impedance 50 Ω
Frequency DC to 90 GHz
Return loss ≥ 16 dB, DC to 40 GHz
 ≥ 14 dB, 40 GHz to 90 GHz

Mechanical data

Mating cycles ≥ 3000
Maximum torque 1.65 Nm
Recommended torque 0.90 Nm
Gauge 0.003 mm to 0.050 mm
Misalignment radial 0.5 mm min
Spring force min. 8 N at rest
max. 15 N at max. spring travel
Spring travel 3 mm max.

Environmental data

Temperature range - 40 °C to +85 °C
RoHS compliant

Packing

Standard 1 pce in box
Weight 3.48 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
Marcel Panicke	02.10.18	Lars Ramtke	08.11.19	a00	19-s253	Marion Striegler	08.11.19

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