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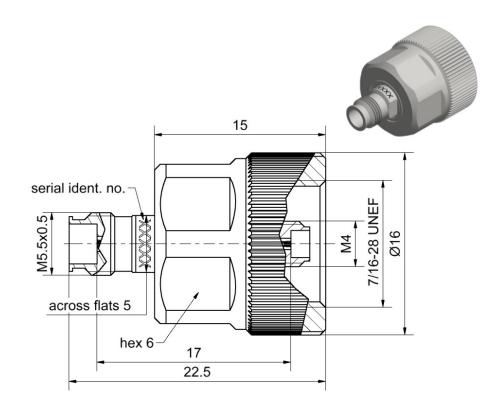
# RF\_35/09.14/6.2

# **Technical Data Sheet**

# Rosenberger

Adaptor RPC-1.00 Jack – RPC-1.35 Jack

01KR1P9-K0AS3



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

## Interface

RPC-1.00 side according to RPC-1.35 side according to

IEC 61169-31 IEC 61169-65

# **Documents**

N/A

# Material and plating

Connector parts
Center conductor
Outer conductor
Coupling nut
Dielectric

Material CuBe Stainless steel Stainless steel PEEK Plating Gold, min. 1.27μm Passivated Passivated

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# **Technical Data Sheet**

# Rosenberger

Adaptor

RPC-1.00 Jack - RPC-1.35 Jack

# 01KR1P9-K0AS3

## Electrical data

Frequency range

DC to 90 GHz

Return loss

≥ 28 dB, DC to 20 GHz ≥ 19 dB, 20 GHz to 40 GHz ≥ 17 dB, 40 GHz to 90 GHz

## Mechanical data

Mating cycles Maximum torque Recommended torque

≥ 500 0.70 Nm 0.35 Nm

RPC-1.00

≥ 3000 1.65 Nm 0.90 Nm

RPC-1.35

Gauge

0.000 mm to 0.030 mm 0.003 mm to 0.020 mm

## **Environmental data**

Temperature range

- 40 °C to +85 °C

RoHS

compliant

# **Packing**

Standard Weight 1 pce in box 17 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.

| Marcel Panicke         13.02.19         Lars Ramtke         02.03.20         b00         20-0243         Marion Striegler         02.03.20 | Draft          | Date     | Approved    | Date     | Rev. | Engineering change number | Name             | Date     |
|--|----------------|----------|-------------|----------|------|---------------------------|------------------|----------|
|  | Marcel Panicke | 13.02.19 | Lars Ramtke | 02.03.20 | b00  | 20-0243                   | Marion Striegler | 02.03.20 |

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