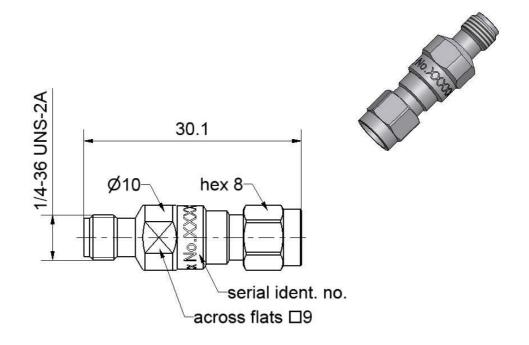
Technical Data Sheet		Rosenberger		
RPC-3.50	Attenuator	03AS102-K30S3		



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

Interface

According to Mechanically compatible with

IEC 60169-23 RPC-2.92 and SMA

Documents

N/A

Material and plating

Connector parts

Center conductor - plug Center conductor - jack Outer conductor Coupling nut Dielectric Substrate

Material

CuBe CuBe Stainless steel Stainless steel PEEK Al₂O₃

Plating

Gold, min. 1.27 μ m, over nickel Gold, min. 1.27 μ m, over nickel Passivated Passivated

Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de

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Technical Data Sheet

Rosenberger

RPC-3.50

Attenuator Plug/Jack

03AS102-K30S3

Electrical data

Impedance 50 Ω

Frequency range DC to 26.5 GHz

Return loss \geq 26.4 dB, DC to 4 GHz

 \geq 23.1 dB, 4 GHz to 12.4 GHz \geq 19.1 dB, 12.4 GHz to 26.5 GHz 30 dB \pm 0.7 dB, DC to 26.5 GHz

Attenuation 30 dB \pm 0.7 dB, DC to 2 Power handling 2 W at 25 °C

Mechanical data

 $\begin{array}{ll} \mbox{Mating cycles} & \geq 500 \\ \mbox{Maximum torque} & 1.70 \mbox{ Nm} \\ \mbox{Recommended torque} & 0.90 \mbox{ Nm} \\ \end{array}$

Gauge 0.00 mm to 0.08 mm

Environmental data

Operating temperature range $0 \, ^{\circ}\text{C}$ to $+50 \, ^{\circ}\text{C}$ Storage temperature range $-40 \, ^{\circ}\text{C}$ to $+85 \, ^{\circ}\text{C}$

RoHS compliant

Packing

Standard 1 pce in box Weight 8.9 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.

						Date
Kerstin Herzog 04.10.	5 Lars Ramtke	26.06.19	g00	19-1142	Marion Striegler	26.06.19

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¹ Temperature range over which these specifications are valid.

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