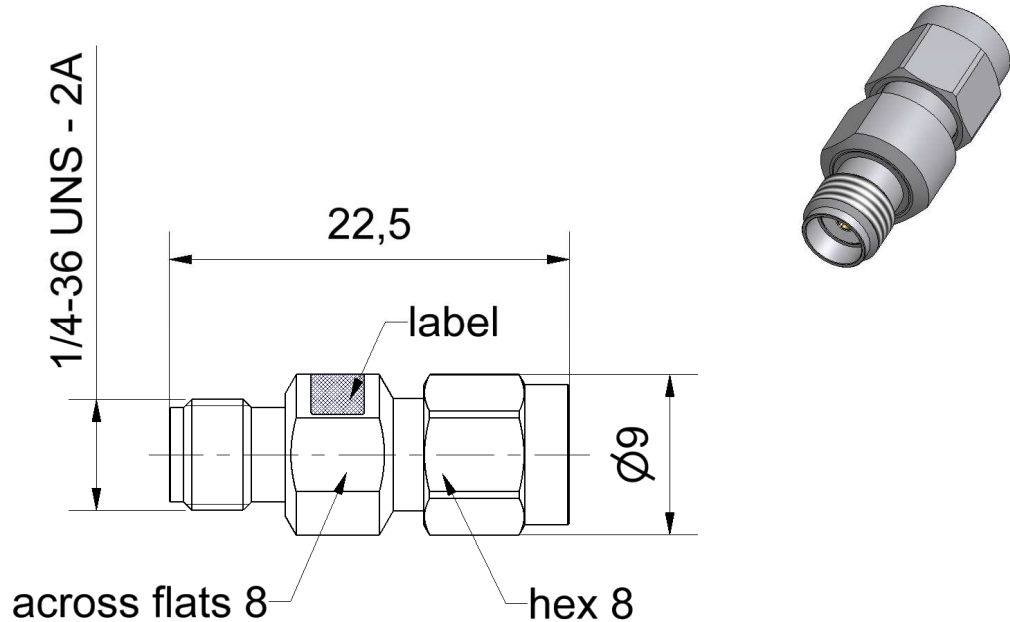


SMA

Attenuator
Plug/Jack 2 Watt

32AS102-K20S3



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

Interface

According to IEC 60169-15; EN 122110; MIL-STD-348

Documents

N/A

Material and plating

Connector parts

Center contact - plug
Center contact - jack
Outer contact
Dielectric
Substrate

Material

Brass
CuBe
Stainless steel
PTFE
Al₂O₃

Plating

Gold, min. 1.27 µm, over nickel
Gold, min. 1.27 µm, over nickel
Passivated

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RF_35/09;14/6.2

Technical Data Sheet

Rosenberger

SMA

Attenuator
Plug/Jack 2 Watt

32AS102-K20S3

Electrical data

Impedance	50 Ω
Frequency	DC to 18 GHz
Return loss	≥ 23.1 dB, DC to 4 GHz ≥ 19.1 dB, 4 GHz to 12.4 GHz ≥ 16.5 dB, 12.4 GHz to 18 GHz
Attenuation	20 dB \pm 1.0 dB, DC to 12.4 GHz 20 dB \pm 1.5 dB, 12.4 GHz to 18 GHz
Power handling	≤ 2 W at 25°C

Mechanical data

Mating cycles	≥ 500
Maximum torque	1.70 Nm
Recommended torque	0.90 Nm

Environmental data

Temperature range	-55°C to +155°C
RoHS	compliant

Packing

Standard	1 pce in bag
Weight	5.4 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
Kerstin Herzog	06.12.04	Markus Müller	07.11.16	d00	16-1629	Marion Striegler	03.11.16

Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de	Tel. : +49 8684 18-0 Email : info@rosenberger.de	Page 2 / 2
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