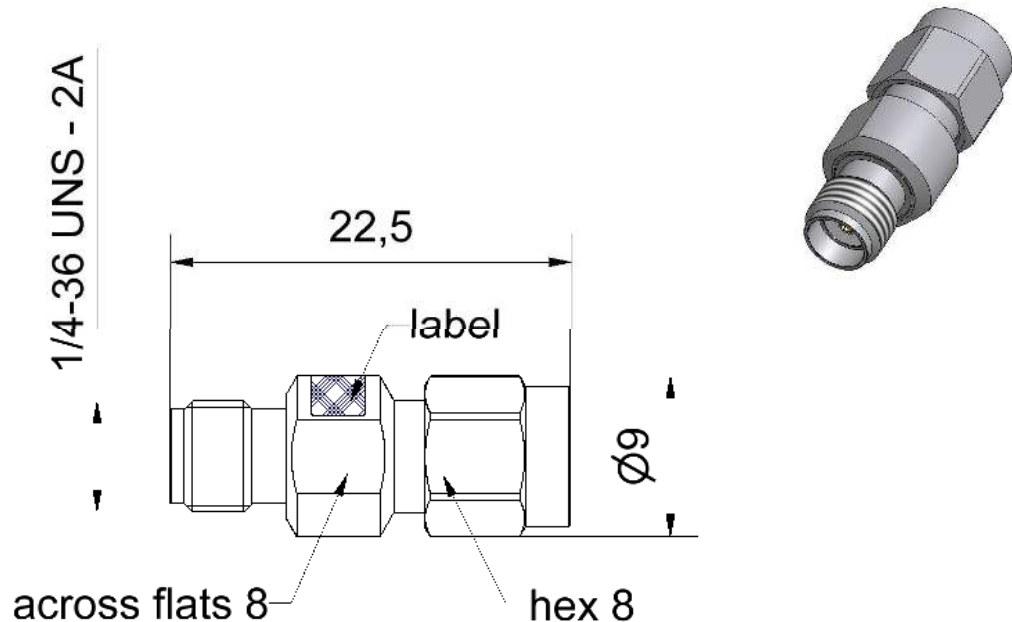




All dimensions are in mm; tolerances according to ISO 2768 m-H

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-K03S3			
Electrical data Impedance Frequency Return loss Attenuation Power handling 50 Ω DC to 18 GHz ≥ 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 3 dB ± 1.0 dB, DC to 12.4 GHz 3 dB ± 1.5 dB, 12.4 GHz to 18 GHz ≤ 2 W at 25°C							
Mechanical data Mating cycles Maximum torque Recommended torque ≥ 500 1.70 Nm 0.90 Nm							
Environmental data Temperature range RoHS -55°C to +155°C compliant							
Packing Standard Weight 1 pce in bag 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	
Kerstin Herzog		06.12.04		Markus Müller		07.11.16	
Rev.		Engineering change number		Name		Date	
d00		15-1629		Marion Striegler		04.11.16	
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