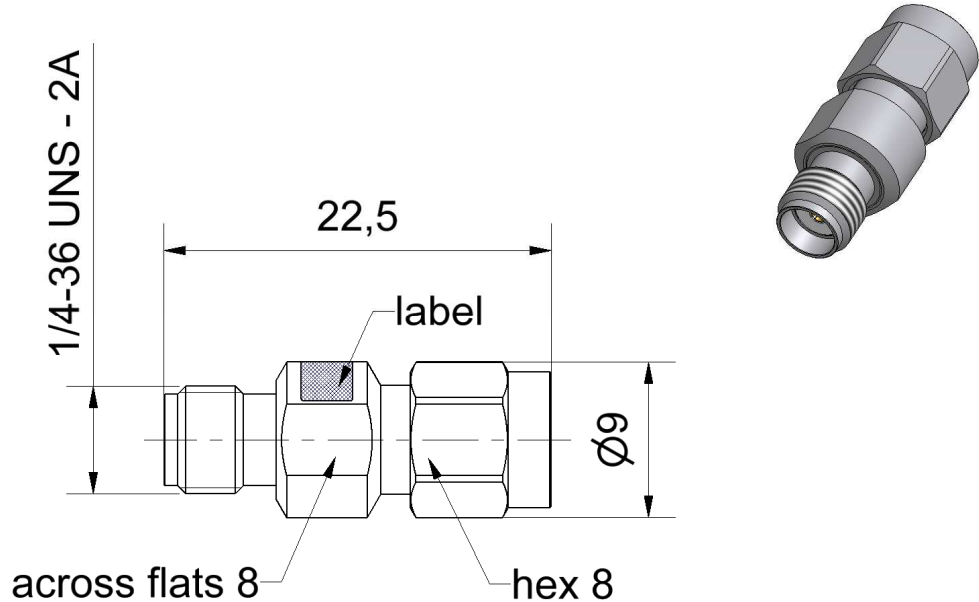


SMA

Attenuator  
Plug/Jack 2 Watt

**32AS102-K10S3**



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  
Al<sub>2</sub>O<sub>3</sub>

**Plating**

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

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**Technical Data Sheet****Rosenberger****SMA****Attenuator  
Plug/Jack 2 Watt****32AS102-K10S3****Electrical data**

Impedance	50 $\Omega$
Frequency	DC to 18 GHz
Return loss	$\geq 23.1$ dB, DC to 4 GHz $\geq 19.1$ dB, 4 GHz to 12.4 GHz $\geq 16.5$ dB, 12.4 GHz to 18 GHz
Attenuation	10 dB $\pm$ 1.0 dB, DC to 12.4 GHz 10 dB $\pm$ 1.5 dB, 12.4 GHz to 18 GHz
Power handling	$\leq 2$ W at 25°C

**Mechanical data**

Mating cycles	$\geq 500$
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
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