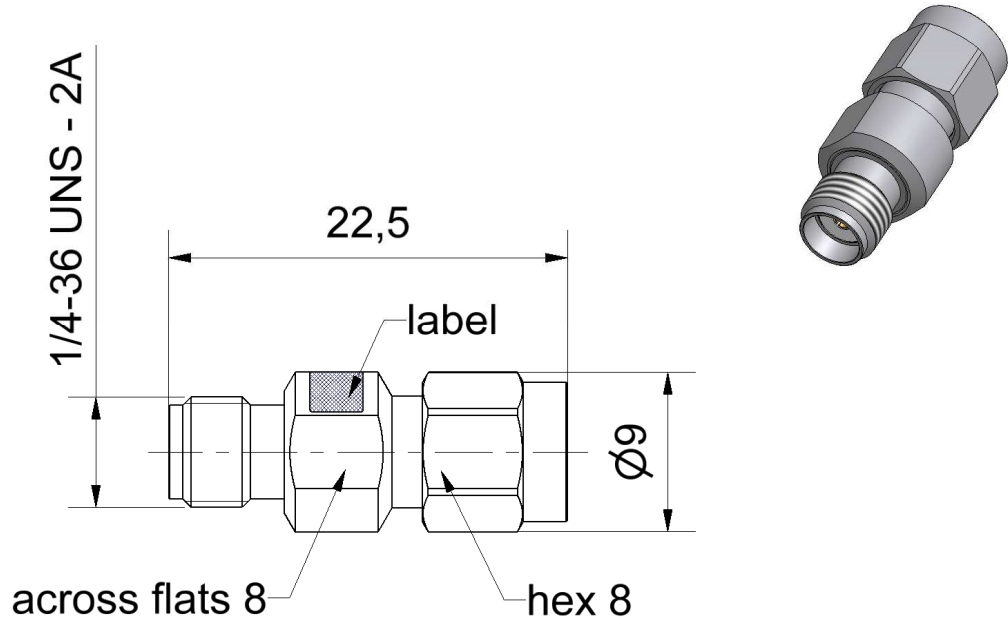


SMA

Attenuator
Plug/Jack 2 Watt

32AS102-K30S3



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-K30S3

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 | 30 dB \pm 1.0 dB, DC to 12.4 GHz 30 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 | 15-1629 | Marion Striegler | 07.11.16 |

| | | |
|--|--|---------------|
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