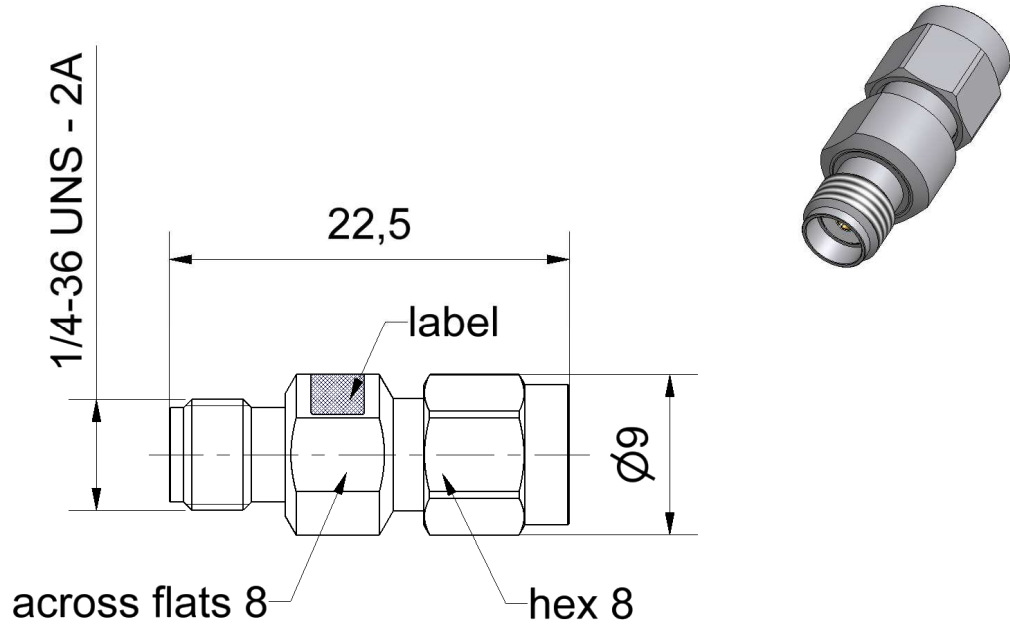


SMA

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
- 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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RF\_35/09;14/6.2

# Technical Data Sheet

# Rosenberger

SMA

Attenuator  
Plug/Jack 2 Watt

## 32AS102-K20S3

### Electrical data

|                |  |
|----------------|--|
| Impedance      | 50 $\Omega$  |
| Frequency      | DC to 18 GHz   |
| Return loss    | $\geq 23.1$ dB, DC to 4 GHz<br>$\geq 19.1$ dB, 4 GHz to 12.4 GHz<br>$\geq 16.5$ dB, 12.4 GHz to 18 GHz |
| Attenuation    | 20 dB $\pm$ 1.0 dB, DC to 12.4 GHz<br>20 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     |
|----------------|----------|---------------|----------|------|---------------------------|------------------|----------|
| Kerstin Herzog | 06.12.04 | Markus Müller | 07.11.16 | d00  | 16-1629                   | Marion Striegler | 03.11.16 |

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