



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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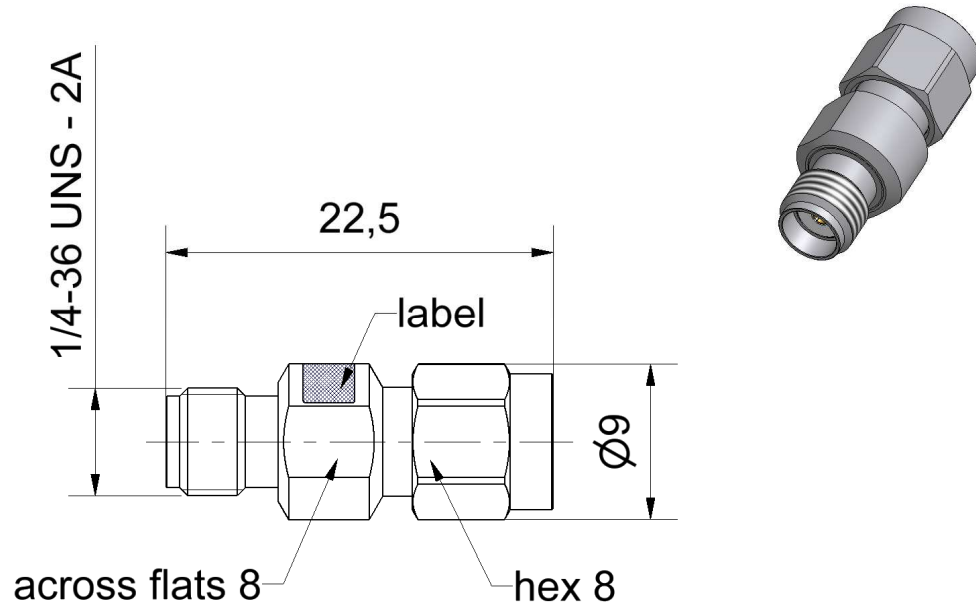
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SMA

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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