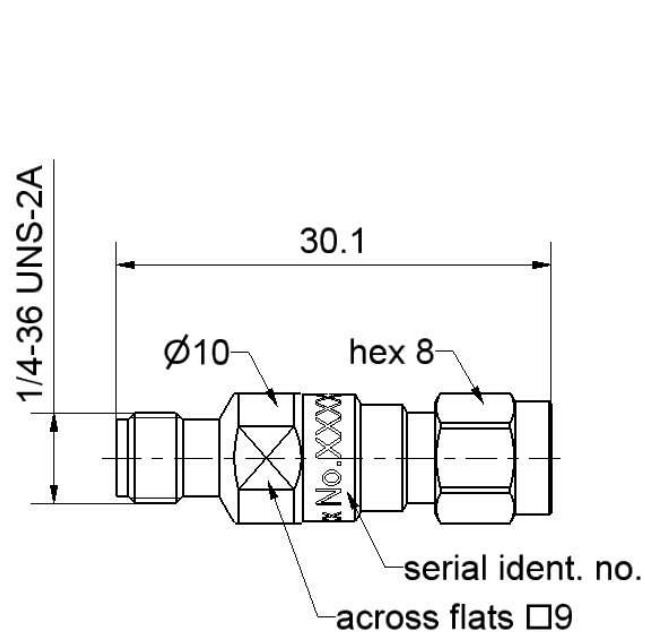




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to
Mechanically compatible with

IEC 60169-23
RPC-2.92 and SMA

Documents

N/A

Material and plating

Connector parts

Center conductor - plug
Center conductor - jack
Outer conductor
Coupling nut
Dielectric
Substrate

Material

CuBe
CuBe
Stainless steel
Stainless steel
PEEK
Al₂O₃

Plating

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

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RF_35/09.14/6.2

Technical Data Sheet				Rosenberger			
RPC-3.50		Attenuator Plug/Jack		03AS102-K03S3			
Electrical data							
Impedance		50 Ω					
Frequency range		DC to 26.5 GHz					
Return loss		≥ 26.4 dB, DC to 4 GHz					
		≥ 23.1 dB, 4 GHz to 12.4 GHz					
		≥ 19.1 dB, 12.4 GHz to 26.5 GHz					
Attenuation		3 dB ± 0.5 dB, DC to 26.5 GHz					
Power handling		2 W at 25 °C					
Mechanical data							
Mating cycles		≥ 500					
Maximum torque		1.70 Nm					
Recommended torque		0.90 Nm					
Gauge		0.00 mm to 0.08 mm					
Environmental data							
Operating temperature range ¹		0 °C to +50 °C					
Storage temperature range		- 40 °C to +85 °C					
RoHS		compliant					
¹ Temperature range over which these specifications are valid.							
Packing							
Standard		1 pce in box					
Weight		8.9 g/pce					
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Draft		Date		Approved		Date	
Kerstin Herzog		04.10.05		Lars Ramtke		26.06.19	
Rev.		Engineering change number		Name		Date	
h00		19-1142		Marion Striegler		26.06.19	
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