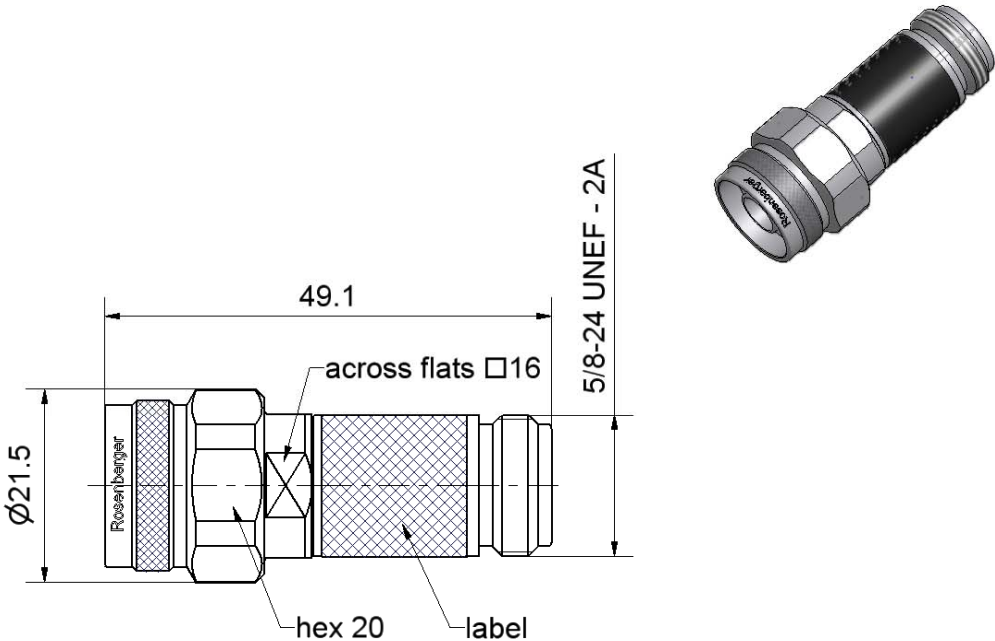


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RF_35/05.10/6.0

Technical Data Sheet		Rosenberger
RPC-N 50 Ω	Attenuator Plug/Jack	05AS102-K20S3
		
All dimensions are in mm; tolerances according to ISO 2768 m-H		
Interface		
According to		IEC 61169-16 ; CECC 22 210 ; MIL-STD 348A/402
Documents		
		N/A
Material and plating		
Connector parts	Material	Plating
Center conductor - plug	Brass	Gold, min. 1.27 μm, over nickel
Center conductor - jack	Beryllium copper	Gold, min. 1.27 μm, over nickel
Outer conductor	Stainless steel	Passivated
Coupling nut	Stainless steel	Passivated
Dielectric	PPE	
Substrate	Al ₂ O ₃	
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Technical Data Sheet				Rosenberger			
RPC-N 50 Ω		Attenuator Plug/Jack		05AS102-K20S3			
Electrical data Impedance Frequency range Return loss Attenuation Power handling 50 Ω DC to 18 GHz ≥ 26.4 dB, DC to 4 GHz ≥ 23.1 dB, 4 GHz to 12.4 GHz ≥ 19.1 dB, 12.4 GHz to 18 GHz 20 dB ± 0.3 dB, DC to 4 GHz 20 dB ± 0.5 dB, 4 GHz to 8 GHz 20 dB ± 0.8 dB, 8 GHz to 18 GHz 2 W at 25 °C							
Mechanical data Mating cycles Maximum torque Recommended torque Gauge - plug Gauge - jack ≥ 500 1.70 Nm 1.10 Nm 5.28 mm to 5.36 mm 5.18 mm to 5.26 mm							
Environmental data Operating temperature range¹ Storage temperature range 2002/95/EC (RoHS) 0 °C to +50 °C -40 °C to +85 °C compliant							
¹ Temperature range over which these specifications are valid.							
Packing Standard Weight 1 pce in box 59.0 g/pce							
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Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Kerstin Herzog	06/01/05	Frank Weiß	24/01/12	e00	11-0832	Marion Striegler	19/01/12
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