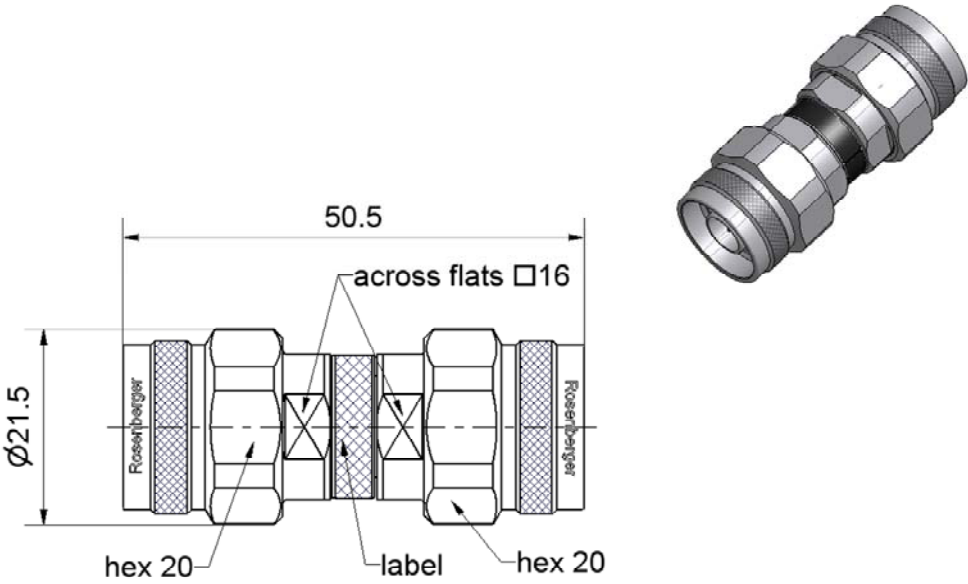


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RF_35/05.10/6.0

Technical Data Sheet		Rosenberger
RPC-N 50 Ω	Attenuator Plug/Plug	05AS102-S06S3
		
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	Brass	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/Plug		05AS102-S06S3			
Electrical data Impedance50 Ω Frequency rangeDC to 18 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 18 GHz Attenuation6 dB ± 0.3 dB, DC to 8 GHz 6 dB ± 0.5 dB, 8 GHz to 12.4 GHz 6 dB ± 0.8 dB, 12.4 GHz to 18 GHz Power handling2 W at 25 °C							
Mechanical data Mating cycles≥ 500 Maximum torque1.70 Nm Recommended torque1.10 Nm Gauge5.28 mm to 5.36 mm							
Environmental data Operating temperature range¹0 °C to +50 °C Storage temperature range-40 °C to +85 °C 2002/95/EC (RoHS)compliant							
¹ Temperature range over which these specifications are valid.							
Packing Standard1 pce in box Weight67.0 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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