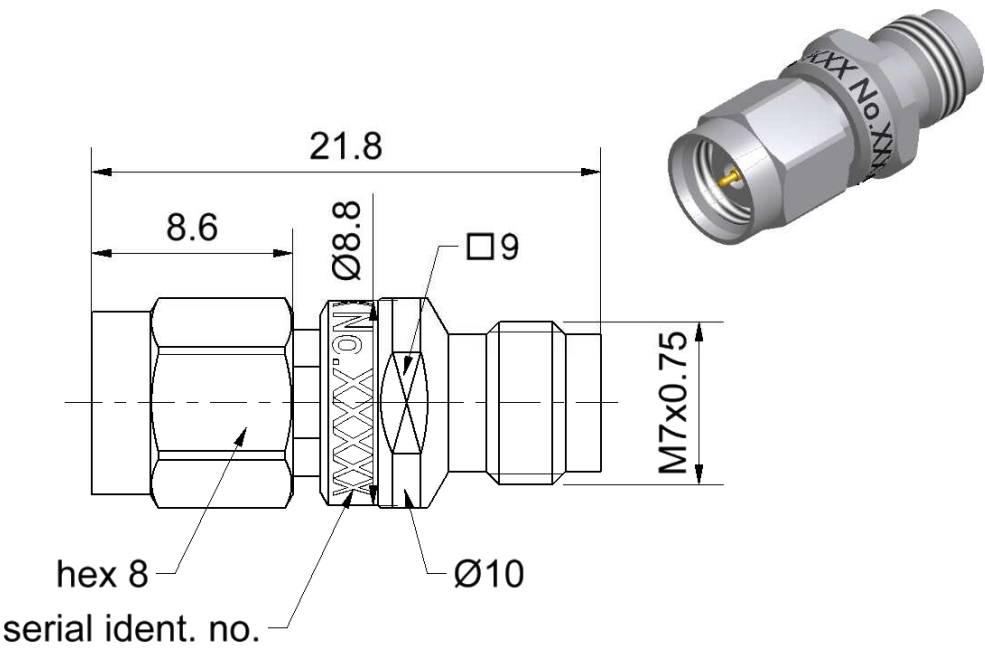


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Technical Data Sheet		Rosenberger
RPC-1.85	Attenuator RPC-1.85 Plug - RPC-1.85 Jack	08AS102-K20S3
		
All dimensions are in mm; tolerances according to ISO 2768 m-H		
Interface		
According to		IEC 60169-32
Mechanically compatible with		RPC-2.40
Documents		
N/A		
Material and plating		
Connector parts		
Center conductor - plug	Material CuBe	Plating Gold, min. 1.27 µm, over nickel
Center conductor - jack	CuBe	Gold, min. 1.27 µm, over nickel
Outer conductor	Stainless steel	Passivated
Coupling nut	Stainless steel	Passivated
Dielectric	PS	
Substrate	Al ₂ O ₃	
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de		Tel. : +49 8684 18-0 Email : info@rosenberger.de
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Technical Data Sheet				Rosenberger			
RPC-1.85		Attenuator RPC-1.85 Plug - RPC-1.85 Jack		08AS102-K20S3			
Electrical data Impedance50 Ω Frequency rangeDC to 67 GHz Return loss≥ 32 dB, DC to 4 GHz ≥ 25 dB, 4 GHz to 26.5 GHz ≥ 18 dB, 26.5 GHz to 37 GHz ≥ 12 dB, 37 GHz to 67 GHz Attenuation20 dB ± 0.5 dB, DC to 26.5 GHz 20 dB ± 1.0 dB, 26.5 GHz to 50 GHz 20 dB ± 1.5 dB, 50 GHz to 67 GHz Power handling0.5 W at 25°C							
Mechanical data Mating cycles≥ 500 Maximum torque1.65 Nm Recommended torque0.90 Nm Gauge0.00 mm to 0.03 mm							
Environmental data Operating temperature range¹+20 °C to +26 °C Storage temperature range0 °C to +50 °C RoHScompliant							
¹ Temperature range over which these specifications are valid.							
Packing Standard1 pce in box Weight6.9 g/pce							
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Draft		Date		Approved		Date	
Marcel Panicke		17.01.08		Lars Ramtke		18.06.15	
Rev.		Engineering change number		Name		Date	
c00		15-0783		Marion Striegler		18.06.15	
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