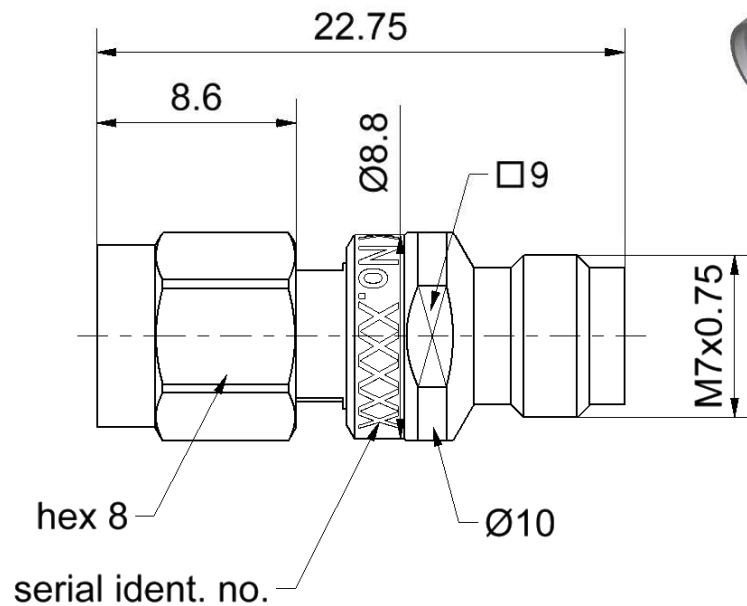


RPC-1.85

Attenuator
RPC-1.85 Plug - RPC-1.85 Jack

08AS102-K40S3



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

Interface

According to
Mechanically compatible with

IEC 60169-32
RPC-2.40

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
PS
Al₂O₃

Plating

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

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RF_35/05.10/6.0

Technical Data Sheet				Rosenberger			
RPC-1.85		Attenuator RPC-1.85 Plug - RPC-1.85 Jack		08AS102-K40S3			
Electrical data							
Impedance		50 Ω					
Frequency range		DC 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					
Attenuation		40 dB ± 0.5 dB, DC to 26.5 GHz					
		40 dB ± 1.0 dB, 26.5 GHz to 50 GHz					
		40 dB ± 1.5 dB, 50 GHz to 67 GHz					
Power handling		0.5 W at 25°C					
Mechanical data							
Mating cycles		≥ 500					
Maximum torque		1.65 Nm					
Recommended torque		0.90 Nm					
Gauge		0.00 mm to 0.03 mm					
Environmental data							
Operating temperature range ¹		+20 °C to +26 °C					
Storage temperature range		0 °C to +50 °C					
RoHS		compliant					
¹ Temperature range over which these specifications are valid.							
Packing							
Standard		1 pce in box					
Weight		7.0 g/pce					
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Draft		Date		Approved		Date	
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Rev.		Engineering change number		Name		Date	
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