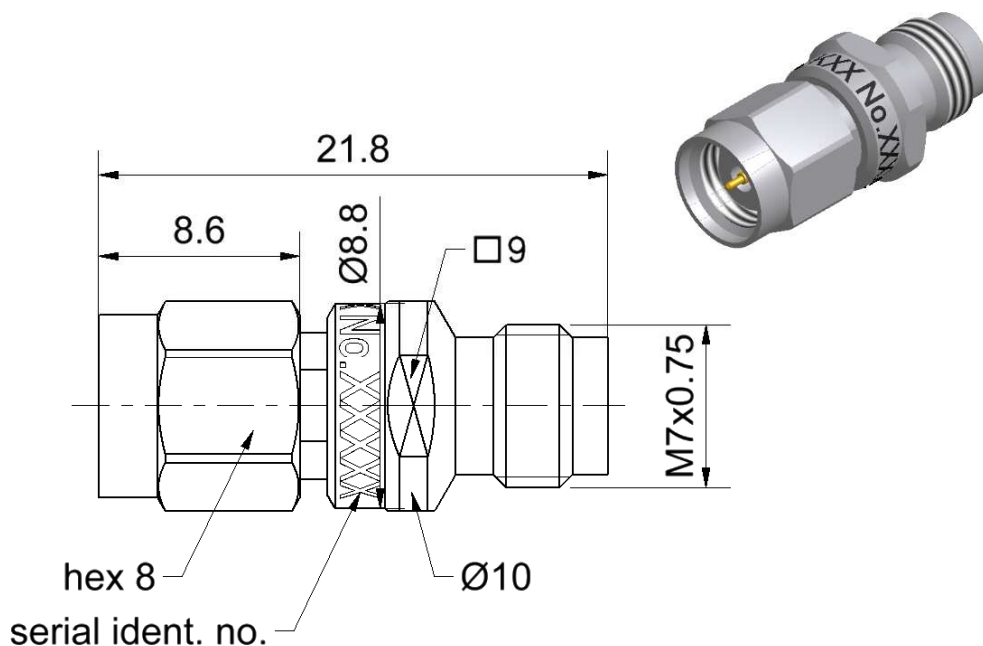


RPC-1.85

Attenuator
RPC-1.85 Plug - RPC-1.85 Jack

08AS102-K03S3



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-K03S3			
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 Attenuation3 dB ± 0.5 dB, DC to 26.5 GHz 3 dB ± 1.0 dB, 26.5 GHz to 50 GHz 3 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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Rev.		Engineering change number		Name		Date	
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