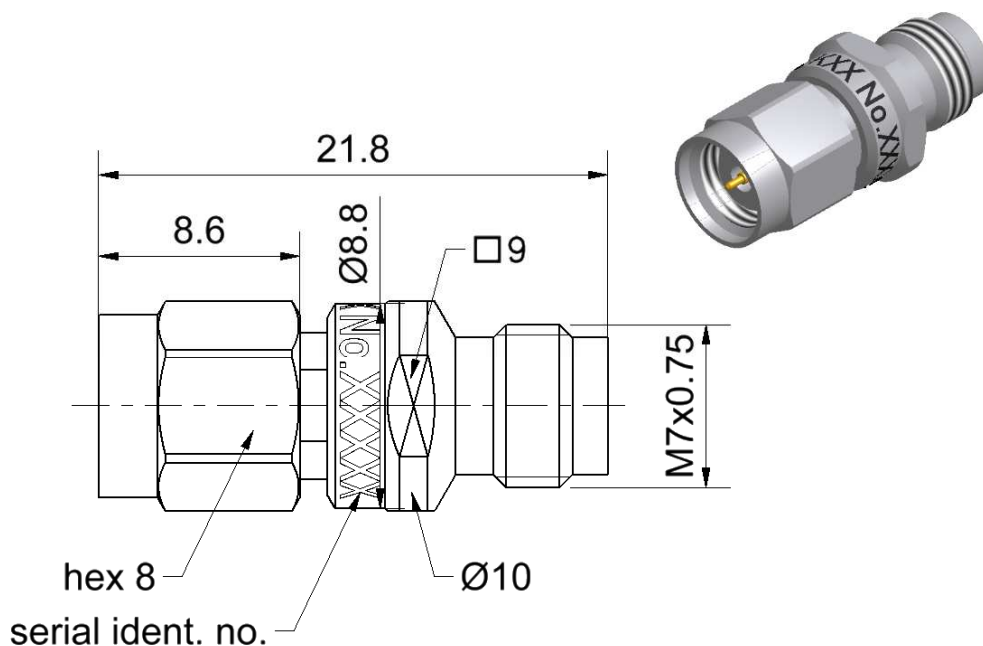


RPC-1.85

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							
While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.							
Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
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