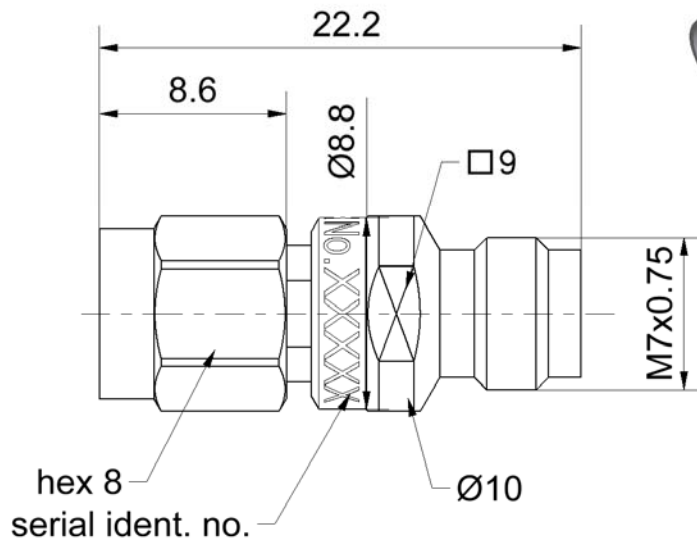


RPC-2.40

Attenuator
RPC-2.40 Plug - RPC-2.40 Jack

09AS102-K03S3



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

Interface

According to
Mechanically compatible with

IEC 61169-40
RPC-1.85

Documents

N/A

Material and plating

Connector parts

Center conductor - plug
Center conductor - jack
Outer conductor
Coupling nut
Dielectric
Substrate

Material

Beryllium copper
Beryllium copper
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-2.40		Attenuator RPC-2.40 Plug - RPC-2.40 Jack		09AS102-K03S3			
Electrical data							
Impedance		50 Ω					
Frequency range		DC to 50 GHz					
Return loss		≥ 32 dB, DC to 4 GHz					
		≥ 21 dB, 4 GHz to 18 GHz					
		≥ 18 dB, 18 GHz to 37 GHz					
		≥ 14 dB, 37 GHz to 50 GHz					
Attenuation		3 dB ± 0.5 dB, DC to 26.5 GHz					
		3 dB ± 1.5 dB, 26.5 GHz to 50 GHz					
Power handling		≤ 0.5 W					
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		6.5 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
Marion Striegler	11/05/12	Lars Ramtke	13/08/14	a00	13-s383	Marcel Panicke	13/08/14
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Tel. : +49 8684 18-0 Fax : +49 8684 18-499 Email : info@rosenberger.de			Page 2 / 2