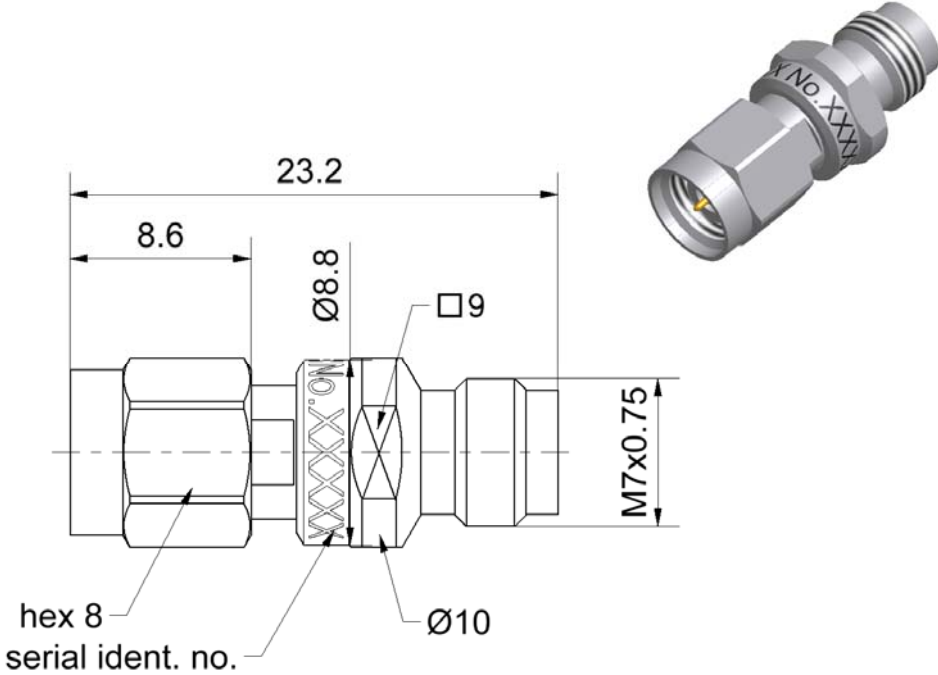


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Technical Data Sheet		Rosenberger																					
RPC-2.40	Attenuator RPC-2.40 Plug - RPC-2.40 Jack	09AS102-K40S3																					
																							
All dimensions are in mm; tolerances according to ISO 2768 m-H																							
Interface According to IEC 61169-40 Mechanically compatible with RPC-1.85																							
Documents N/A																							
Material and plating <table><tr><td>Connector parts</td><td>Material</td><td>Plating</td></tr><tr><td>Center conductor - plug</td><td>Beryllium copper</td><td>Gold, min. 1.27 µm, over nickel</td></tr><tr><td>Center conductor - jack</td><td>Beryllium copper</td><td>Gold, min. 1.27 µm, over nickel</td></tr><tr><td>Outer conductor</td><td>Stainless steel</td><td>Passivated</td></tr><tr><td>Coupling nut</td><td>Stainless steel</td><td>Passivated</td></tr><tr><td>Dielectric</td><td>PS</td><td></td></tr><tr><td>Substrate</td><td>Al₂O₃</td><td></td></tr></table>			Connector parts	Material	Plating	Center conductor - plug	Beryllium copper	Gold, min. 1.27 µm, over nickel	Center conductor - jack	Beryllium copper	Gold, min. 1.27 µm, over nickel	Outer conductor	Stainless steel	Passivated	Coupling nut	Stainless steel	Passivated	Dielectric	PS		Substrate	Al ₂ O ₃	
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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 1 / 2																					

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Technical Data Sheet				Rosenberger			
RPC-2.40		Attenuator RPC-2.40 Plug - RPC-2.40 Jack		09AS102-K40S3			
Electrical data Impedance50 Ω Frequency rangeDC 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 Attenuation40 dB ± 0.5 dB, DC to 26.5 GHz 40 dB ± 1.5 dB, 26.5 GHz to 50 GHz Power handling≤ 0.5 W 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 Weight6.6 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	
Marion Striegler		11/05/12		Lars Ramtke		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