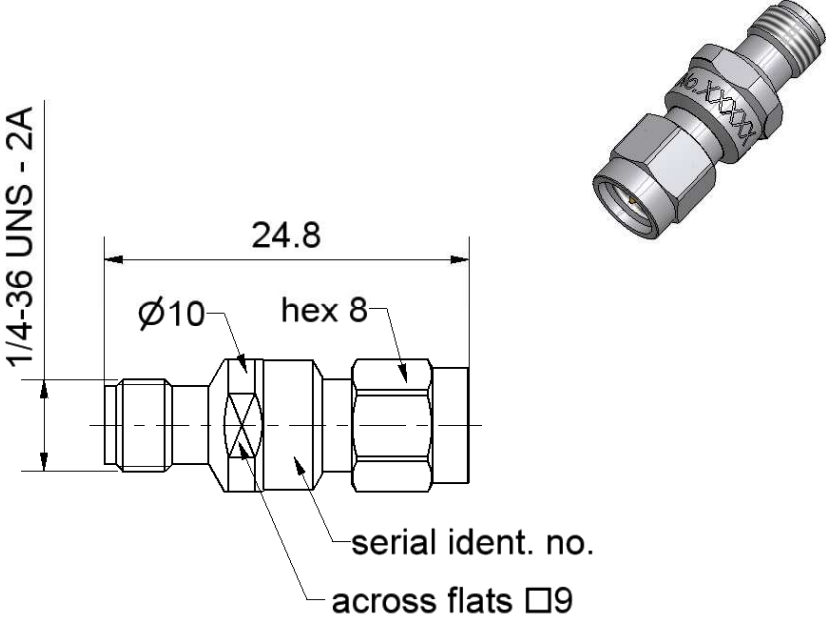


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Technical Data Sheet		Rosenberger																					
RPC-2.92	Attenuator Plug/Jack	02AS102-K06S3																					
																							
All dimensions are in mm; tolerances according to ISO 2768 m-H																							
Interface According to Mechanically compatible with IEC 61169-35 RPC-3.50 and SMA																							
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>CuBe</td><td>Gold, min. 1.27 µm, over nickel</td></tr><tr><td>Center conductor - jack</td><td>CuBe</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>PEEK</td><td></td></tr><tr><td>Substrate</td><td>Al₂O₃</td><td></td></tr></table>			Connector parts	Material	Plating	Center conductor - plug	CuBe	Gold, min. 1.27 µm, over nickel	Center conductor - jack	CuBe	Gold, min. 1.27 µm, over nickel	Outer conductor	Stainless steel	Passivated	Coupling nut	Stainless steel	Passivated	Dielectric	PEEK		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 Email : info@rosenberger.de																					
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Technical Data Sheet				Rosenberger			
RPC-2.92		Attenuator Plug/Jack		02AS102-K06S3			
Electrical data Impedance50 Ω Frequency rangeDC to 40 GHz Return loss≥ 26.4 dB, DC to 4 GHz ≥ 19.1 dB, 4 GHz to 40 GHz Attenuation6 dB ± 0.3 dB, DC to 4 GHz 6 dB ± 0.5 dB, 4 GHz to 40 GHz Power handling0.5 W at 25 °C							
Mechanical data Mating cycles≥ 500 Maximum torque1.70 Nm Recommended torque0.90 Nm Gauge0.00 mm to 0.08 mm							
Environmental data Operating temperature range¹0 °C to +50 °C Storage temperature range-40 °C to +85 °C RoHScompliant							
¹ Temperature range over which these specifications are valid.							
Packing Standard1 pce in box Weight7.5 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	
Kerstin Herzog		08.03/07		Markus Müller		17.11.15	
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Rev. e00		Engineering change number 15-1421	
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