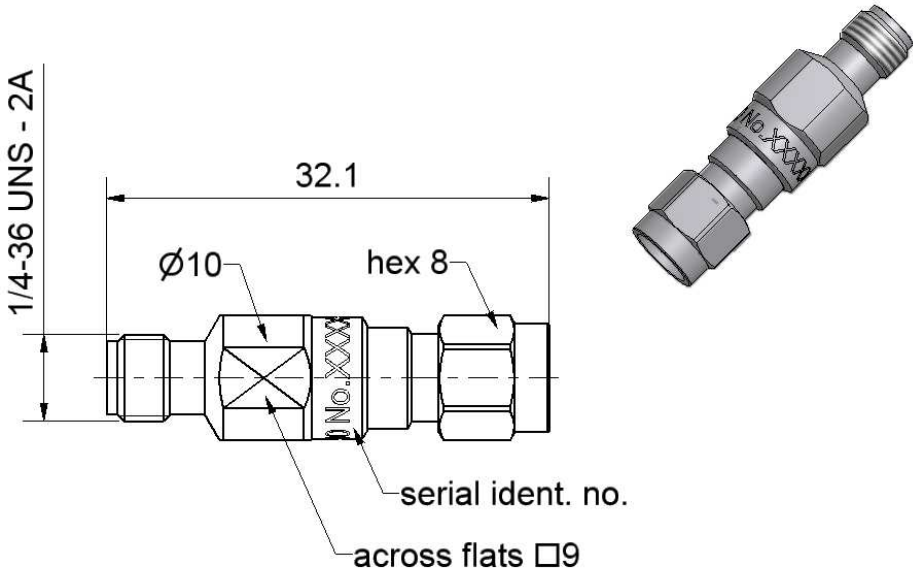


Dieses Dokument ist urheberrechtlich geschützt • This document is protected by copyright • Rosenberger Hochfrequenztechnik GmbH & Co. KG
RF_35/09.14/6.2

Technical Data Sheet		Rosenberger																					
RPC-3.50	Attenuator Plug/Jack	03AS102-K40S3																					
																							
All dimensions are in mm; tolerances according to ISO 2768 m-H																							
Interface According to Mechanically compatible with IEC 60169-23 RPC-2.92 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	
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																						
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																					
		Page 1 / 2																					

Dieses Dokument ist urheberrechtlich geschützt • This document is protected by copyright • Rosenberger Hochfrequenztechnik GmbH & Co. KG
RF_35/09.14/6.2

Technical Data Sheet				Rosenberger			
RPC-3.50		Attenuator Plug/Jack		03AS102-K40S3			
Electrical data Impedance Frequency range Return loss Attenuation Power handling 50 Ω DC to 26.5 GHz ≥ 26.4 dB, DC to 4 GHz ≥ 23.1 dB, 4 GHz to 12.4 GHz ≥ 19.1 dB, 12.4 GHz to 26.5 GHz 40 dB ± 1.0 dB, DC to 26.5 GHz 1 W at 25 °C							
Mechanical data Mating cycles Maximum torque Recommended torque Gauge ≥ 500 1.70 Nm 0.90 Nm 0.00 mm to 0.08 mm							
Environmental data Operating temperature range¹ Storage temperature range 0 °C to +50 °C - 40 °C to +85 °C RoHS compliant ¹ Temperature range over which these specifications are valid.							
Packing Standard Weight 1 pce in box 9.7 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 04.10.05 Markus Müller 25.10.16				Rev. Engineering change number Name Date f00 16-1390 Marion Striegler 25.10.16			
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			Page 2 / 2