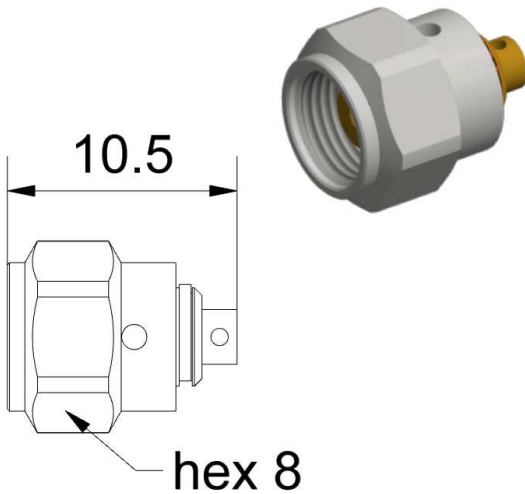


Dieses Dokument ist urheberrechtlich geschützt • This document is protected by copyright • Rosenberger Hochfrequenztechnik GmbH & Co. KG
RF_35/09;14/6.2

Technical Data Sheet		Rosenberger
RPC-1.35	Connector straight Plug	P9S101-270E
		
All dimensions are in mm; tolerances according to ISO 2768 m-H		
Interface		
According to		IEC 61169-65
Documents		
Assembly instruction		MA_P9A
Material and plating		
Connector parts		Material
Outer conductor		Brass
Coupling nut		Stainless steel
		Plating
		Gold, min. 0.5µm
		Passivated
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

Technical Data Sheet				Rosenberger					
RPC-1.35		Connector straight Plug		P9S101-270E					
Electrical data									
Impedance		50 Ω							
Frequency		DC to 90 GHz							
Return loss		≥ 23 dB, DC to 26.5 GHz							
		≥ 20 dB, 26.5 GHz to 50 GHz							
		≥ 18 dB, 50 GHz to 90 GHz							
Outer contact resistance		≤ 2 mΩ							
Test voltage		500 V							
Working voltage		150 V							
RF-leakage		≥ 90 dB up to 1 GHz							
- Limitations are possible due to the used cable type -									
Mechanical data									
Mating cycles		≤ 50							
Maximum torque		1.65 Nm							
Recommended torque		0.90 Nm							
Environmental data									
Temperature range		- 40 °C to +85 °C							
RoHS		compliant							
Tooling									
Tool		P9W001-000 P9W002-000							
Suitable cables									
Recommended		UT-047-TP							
Packing									
Standard		1 pce in bag							
Weight		2.2 g/pce							
Draft				Date		Approved		Date	
Marcel Panicke				14.12.17		Lars Ramtke		09.12.19	
Rev.		Engineering change number		Name		Date			
d00		19-2148		Marion Striegler		09.12.19			
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	