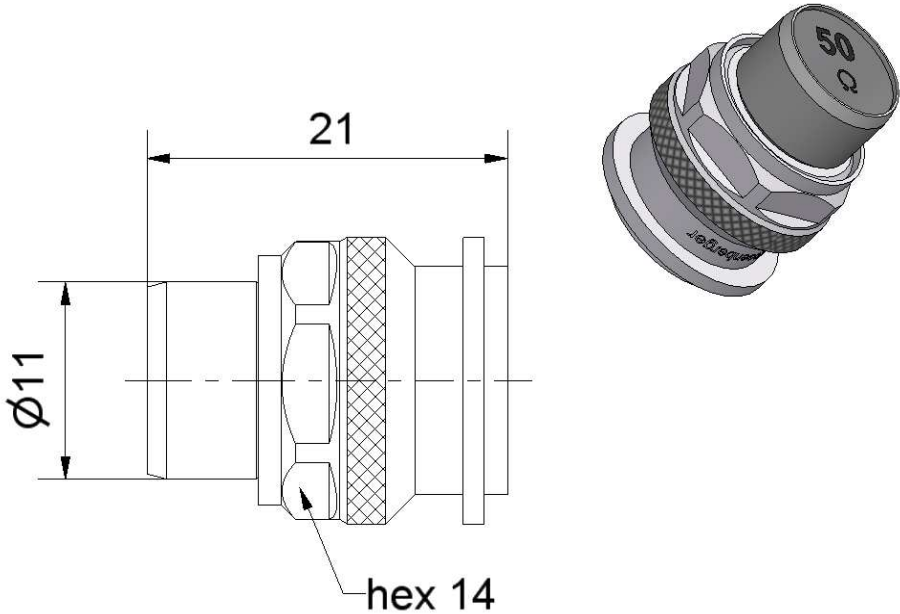


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Technical Data Sheet		Rosenberger
TNC 50 Ω	Termination Plug 1 Watt	56S1RR-001N4
		
All dimensions are in mm; tolerances according to ISO 2768 m-H		
Interface		
According to		IEC 60169-17, MIL-PRF-39012, DIN EN 122200
Documents		
		N/A
Material and plating		
Connector parts	Material	Plating
Center contact	Brass	Gold, min. 0.8 µm, over nickel
Outer contact	Brass	Flash white bronze over silver(e.g. Optargen®)
Coupling nut	Brass	White bronze(e.g. Optalloy®)
Dielectric	PTFE	
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
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Technical Data Sheet				Rosenberger			
TNC 50 Ω		Termination Plug 1 Watt		56S1RR-001N4			
Electrical data							
Impedance		50 Ω					
Frequency		DC to 2 GHz					
Return loss		≥ 20.8 dB, DC to 1 GHz ≥ 15.6 dB, 1 GHz to 2 GHz					
Power handling (at 25 °C, sea level)		≤ 1 W, derated linearity by 0.01 W/K					
Mechanical data							
Mating cycles		≥ 500					
Center contact captivation		≥ 27 N					
Coupling test torque		≤ 1.7 Nm					
Recommended torque		0.46 Nm to 0.69 Nm					
Environmental data							
Temperature range		-55 °C to +155 °C					
RoHS		compliant					
Tooling							
		N/A					
Suitable cables							
		N/A					
Packing							
Standard		100 pcs in bag					
Weight		13.5 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
Kerstin Herzog	24.08.04	Markus Müller	20.07.18	b00	18-1027	Marion Striegler	20.07.18
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