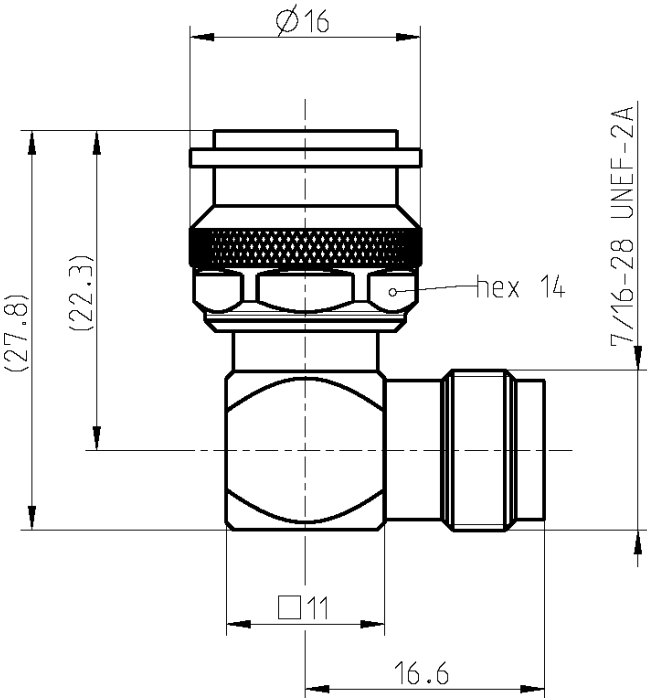
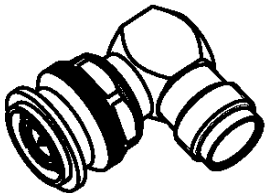


Dieses Dokument ist urheberrechtlich geschützt • This document is protected by copyright • Rosenberger Hochfrequenztechnik GmbH & Co. KG
RF_35/08.13/6.1

Technical Data Sheet		Rosenberger
TNC 50 Ω	ADAPTOR PLUG - JACK	56S201-K00N5
		
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		
Center contact plug side	Material	Plating
Center contact jack side	Brass	AuroDur®, gold plated
Outer contact	CuBe	AuroDur®, gold plated
Body	Brass	Flash white bronze over silver(e.g. Optargen®)
Dielectric	Brass	Flash white bronze over silver(e.g. Optargen®)
Gasket	PTFE	
	NeopreneCR 50C6	
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

Technical Data Sheet				Rosenberger			
TNC 50 Ω		ADAPTOR PLUG - JACK		56S201-K00N5			
Electrical data Impedance50 Ω FrequencyDC to 10 GHz Return loss≥ 35 dB, DC to 2 GHz ≥ 22 dB, 2 to 3 GHz ≥ 18 dB, 3 to 4 GHz Insertion loss≤ 0.05 x √ f [GHz] dB, DC to 4 GHz Insulation resistance≥ 5 GΩ Center contact resistance≤ 1.5 mΩ Outer contact resistance≤ 1 mΩ Test voltage1500 V rms Working voltage500 V rms Power handling (at 20 °C, sea level, VSWR 1.0) ≤ 80 W @ 2 GHz Mechanical data Mating cycles≥ 500 Center contact captivation: axial ≥ 15 N Coupling test torque ≤ 1.7 Nm Recommended torque 0.46 Nm to 0.69 Nm Environmental data Temperature range-65 °C to +165 °C Thermal shockMIL-STD-202, Method 107, Condition B CorrosionMIL-STD-202, Method 101, Condition B VibrationMIL-STD-202, Method 204, Condition B ShockMIL-STD-202, Method 213, Condition G Moisture resistanceMIL-STD-202, Method 106 RoHScompliant Tooling N/A Suitable cables N/A Packing Standard1 pce in bag Weight24.0 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
Inge Mühlauer	10.08.04	A. Gasteiger	20.09.13	c00	07-0154	Krautenbacher J.	23.09.13
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