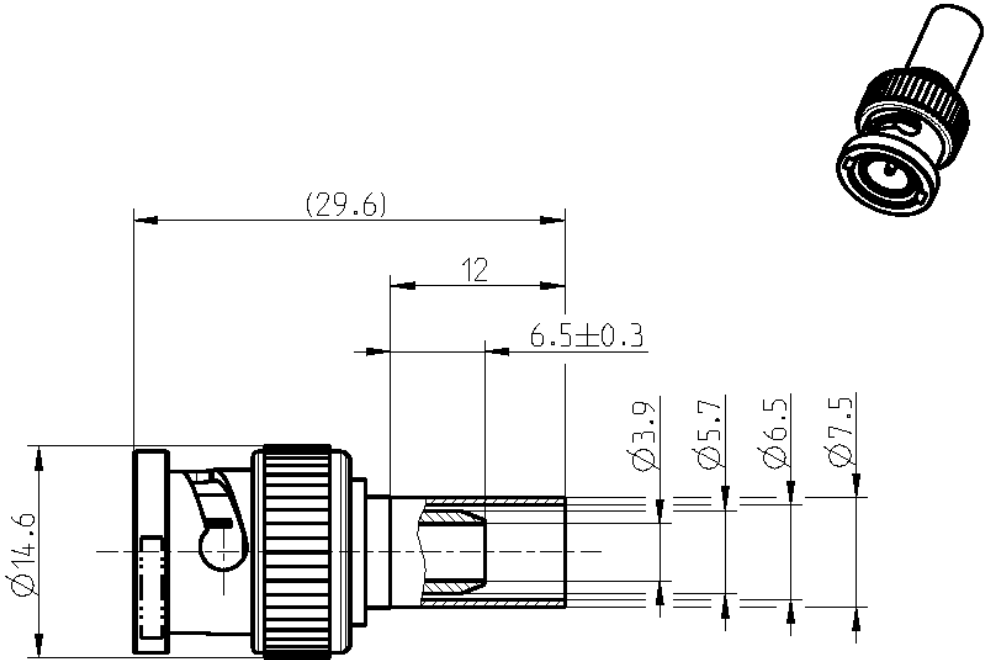


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RF_35/08.13/6.1

Technical Data Sheet		Rosenberger
BNC 75 Ω	STRAIGHT PLUG FOR 93Ω CABLE	71S102-110N5
		
All dimensions are in mm; tolerances according to ISO 2768 m-H		
Interface		
Compatible to		IEC 61169-8, MIL-PRF-39012, CECC 22120
Documents		
Assembly instruction		51 K4
Material and plating		
Connector parts		
Center contact	Material	Plating
Outer contact	Brass	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, POM	
Crimping ferrule	NeopreneCR 50C6	
	Copper	Flash white bronze over silver(e.g. Optargen®)
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
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Technical Data Sheet				Rosenberger			
BNC 75 Ω		STRAIGHT PLUG FOR 93Ω CABLE		71S102-110N5			
Electrical data Impedance75 Ω FrequencyDC to 4 GHz Insulation resistance≥ 5 x10³ MΩ Center contact resistance≤ 1.5 mΩ Outer contact resistance≤ 1 mΩ Test voltage1500 V rms Working voltage400 V rms Power handling (at 20 °C, sea level, VSWR 1.0) ≤ 80 W @ 2 GHz - Limitations are possible due to the used cable type - Mechanical data Mating cycles≥ 500 Center contact captivation: axial≥ 27 N Environmental data Temperature range-65 °C to +165 °C Thermal shockMIL-STD-202, Method 107, Condition B Corrosion resistanceMIL-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 Crimping tool11W150-000 Crimp insert11W150-209 Suitable cables 93 Ω cable: RG 62 A/U, RG 62 B/U Weight Weight11.0 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	03.08.04	Sa. Krautenbacher	24.03.14	d00	14-0352	T. Krojer	24.03.14
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