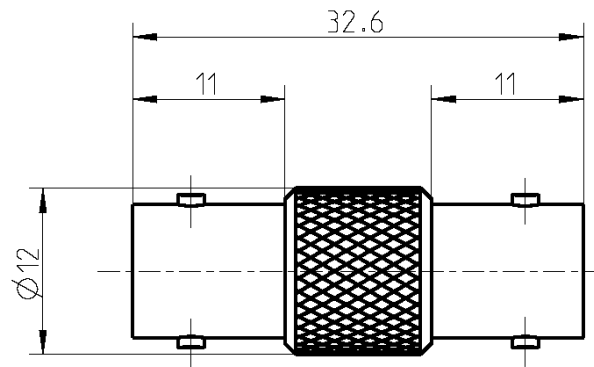
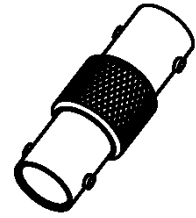




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

Compatible to

IEC 61169-8, MIL-PRF-39012, CECC 22120

Documents

N/A

Material and plating

Connector parts

Center contact
Outer contact
Body
Dielectric

Material

Spring bronze
Brass
Brass
PTFE

Plating

AuroDur®, gold plated
Flash white bronze over silver(e.g. Optargen®)
Flash white bronze over silver(e.g. Optargen®)

Technical Data Sheet				Rosenberger			
BNC 75 Ω		ADAPTOR JACK -JACK		71K101-K00N5			
Electrical data Impedance75 Ω FrequencyDC to 4 GHz Return loss≥ 28 dB @ DC to 0.2 GHz ≥ 18 dB @ 0.2 GHz to 0.5 GHz Insertion loss≤ 0.1 x √ f [GHz] dB, DC to 0.5 GHz Insulation resistance≥ 5 GΩ Center contact resistance≤ 1.5 mΩ Outer contact resistance≤ 1 mΩ Test voltage (at sea level)1500 V rms Working voltage (at sea level)400 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							
Environmental data Temperature range-45 °C to +85 °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 N/A							
Suitable cables N/A							
Packing Standard1 pce in bag Weight12.5 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	
Inge Mühlauer		27.07.04		A. Gasteiger		06.08.13	
Rev.		Engineering change number		Name		Date	
c00		07-0154		J. Krautenbacher		06.08.13	
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