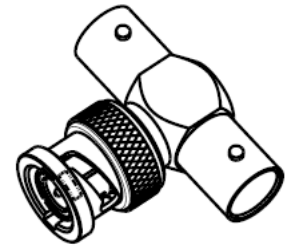
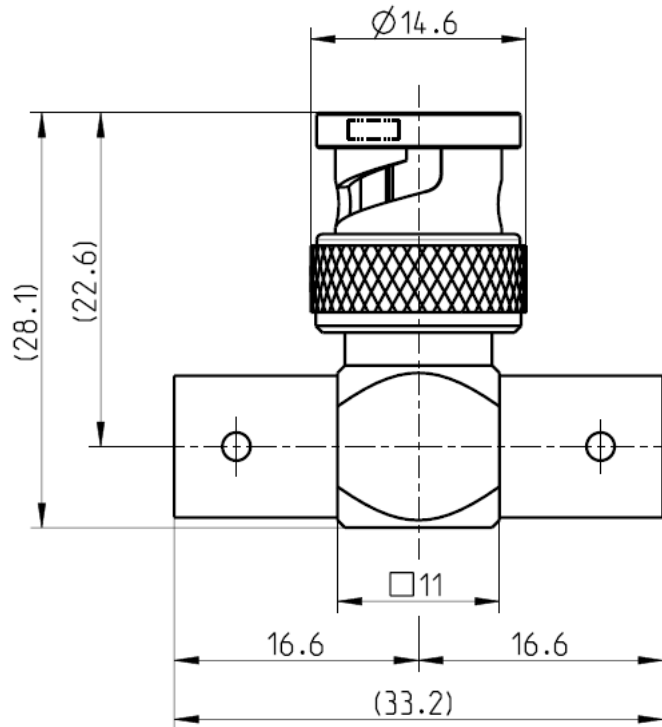


ADAPTOR
BNC 50 Ω JACK – PLUG - JACK

51S301-K00N4



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

Interface

According to

IEC 60169-8, MIL-PRF-39012, CECC 22120

Documents

N/A

Material and plating

Connector parts

Center contact plug side
Center contact jack side
Outer contact
Body
Dielectric
Gasket

Material

Brass
Spring bronze
Brass
Brass
PTFE
NeopreneCR 50C6

Plating

Gold, min. 0.8 µm, over chemical nickel
Gold, min. 0.8 µm, over chemical nickel
Flash white bronze over silver(e.g. Optargen®)
Flash white bronze over silver(e.g. Optargen®)

TECHNICAL DATA SHEET

Rosenberger®

**ADAPTOR
BNC 50 Ω JACK – PLUG - JACK**

51S301-K00N4

Electrical data

Impedance	50 Ω
Frequency	DC to 10 GHz
Insulation resistance	≥ 5 x10 ³ MΩ
Center contact resistance	≤ 1.5 mΩ
Outer contact resistance	≤ 1 mΩ
Test voltage	1500 V rms
Working voltage	400 V rms
Power handling (at 20 °C, sea level, VSWR 1.0)	≤ 80 W @ 2 GHz

Mechanical data

Mating cycles	min. 500
Center contact captivation: axial	≥ 15 N

Environmental data

Temperature range	-45°C to +85°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. B
Shock	MIL-STD-202, Meth. 213, Cond. G
Moisture resistance	MIL-STD-202, Meth. 106
2002/95/EC (RoHS)	compliant

Tooling

N/A

Suitable cables

N/A

Packing

Standard	100 pcs in bag
Weight	22.5 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
Inge Mühlauer	20/07/04	Schwangler	06.11.07	e00	07-0676	B. Dandl	26.09.07

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