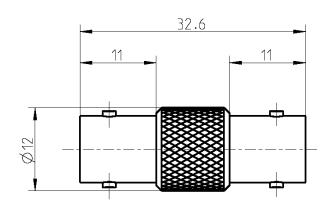
Technical Data Sheet		Rosenberger		
BNC 75 Ω	Adaptor Jack – Jack	71K101-K00N5		





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®)

Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.com

Tel. : +49 8684 18-0 Email: info@rosenberger.com Page

1/2

Technical Data Sheet Rosenberger BNC 75 Ω Adaptor 71K101-K00N5

Electrical data Impedance 75 Ω

Jack - Jack

Frequency DC to 4 GHz

Return loss \geq 28 dB @ DC to 0.2 GHz \geq 18 dB @ 0.2 GHz to 0.5 GHz

Insertion loss $\leq 0.1 \text{ x } \sqrt{\text{f [GHz]}} \text{ dB, DC to } 0.5 \text{ GHz}$

 $\begin{array}{lll} \mbox{Insulation resistance} & \geq 5 \ \mbox{G}\Omega \\ \mbox{Center contact resistance} & \leq 1.5 \ \mbox{m}\Omega \\ \mbox{Outer contact resistance} & \leq 1 \ \mbox{m}\Omega \\ \mbox{Test voltage (at sea level)} & 1500 \ \mbox{V rms} \\ \mbox{Working voltage (at sea level)} & 400 \ \mbox{V rms} \\ \mbox{Power handling (at 20 °C, sea level, VSWR 1.0)} & 80 \ \mbox{W} @ 2 \ \mbox{GHz} \\ \end{array}$

Mechanical data

Environmental data

Temperature range -45 °C to +85 °C

Thermal shock MIL-STD-202, Method 107, Condition B Corrosion resistance MIL-STD-202, Method 101, Condition B Vibration MIL-STD-202, Method 204, Condition B

Shock MIL-STD-202, Method 213, Condition G

Moisture resistance MIL-STD-202, Method 106

RoHS compliant

Tooling N/A

Suitable cables
N/A

Weight

Weight 12.5 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.

For the installation of the electrotechnical equipment, particular electrotechnical expertise is required.



Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Inge Mühlauer	27.07.04	Chr. Janßen	08.03.21	e00	20-1927	S. Huber-Siegl	08.03.21

Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.com

Tel. : +49 8684 18-0 Email : info@rosenberger.com Page

2/2

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for RF Adapters - In Series category:

Click to view products by Rosenberger manufacturer:

Other Similar products are found below:

5916-1103-603 5919-1503-000 651A505 82-5552 9030-9523-502 PN2C A0407000 R114703000W R125771001 R141710000W

R141723161 R141730000 R143730700 R143770000 R161703000W R161753000W R161791530W R201705000 R222705200

R222M40010W R223703180 R316754000 R405006000 R443162000 AD78TL HRM-513S 1996352-2 2157155-1 252169-75 AD158

2101130-1 252186 R114704000W R114720000W R125705001 R125705701 R125771000 R125771001W R127704001 R127.870.001

R127872001 R141717000 R142710000 R142723000 R143703000 R143704000 R143705700 R161715000W R161771000W R176754000