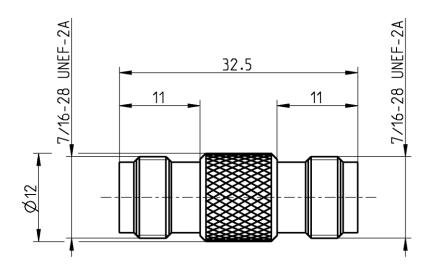
Dielectric

Technic	al Data Sheet	Rosenberger		
TNC 50 Ω	Adaptor Jack - Jack	56K101-K00N5		





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

Interface	
According to IEC 60	0169-17, MIL-PRF-39012, DIN EN 122200

Documents N/A

Material and plating **Connector parts** Material **Plating** Center contact AuroDur®, gold plated Spring bronze Outer contact Brass Flash white bronze over silver(e.g. Optargen®) Flash white bronze over silver(e.g. Optargen®) Body **Brass**

PTFE

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Technical Data Sheet Rosenberger

TNC 50 Ω

Adaptor Jack - Jack

56K101-K00N5

Electrical data

Impedance Frequency

Return loss

Insertion loss

Insulation resistance Center contact resistance Outer contact resistance

Test voltage
Working voltage

Power handling (at 20 °C, sea level, VSWR 1.0)

 50Ω

DC to 10 GHz

≥ 30 dB, DC to 2.5 GHz ≥ 20 dB, 2.5 to 6 GHz

≥ 20 dB, 2.5 to 6 GHz ≤ 0.05 dB, DC to 6 GHz

 \geq 5 x10³ M Ω

 \leq 1.5 m Ω \leq 1 m Ω 1500 V rms

500 V ms

≤ 80 W @ 2 GHz

Mechanical data

Mating cycles Center contact captivation: axial

Coupling test torque

Recommended torque

min. 500 ≥ 15 N

max. 1.7 Nm

0.46 Nm to 0.69 Nm

Environmental data

Temperature range Thermal shock Corrosion Vibration

Vibration Shock

Moisture resistance RoHS

-45°C to +85°C

MIL-STD-202, Meth. 107, Cond. B MIL-STD-202, Meth. 101, Cond. B MIL-STD-202, Meth. 204, Cond. B MIL-STD-202, Meth. 213, Cond. G

MIL-STD-202, Meth. 106

compliant

Tooling

N/A

Suitable cables

N/A

Weight

Weight

13.5 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
Chr. Entsfellner	24.07.08	Chr. Janßen	28.01.21	e00	20.1927	S. Huber-Siegl	28.01.21

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