



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

Interface

According to	TNC side:	IEC 60169-17, MIL-PRF-39012, DIN EN 122200
	SMA side:	IEC 60169-15; EN 122110; MIL-STD-348A, Fig. 310

Documents

N/A

Material and plating

Connector parts

- Center contact
- Outer contact TNC side
- Outer contact SMA side
- Dielectric

Material

- CuBe
- Brass
- CuBe or equiv.
- PTFE

Plating

- AuroDur®, gold plated
- Nickel, 2.5-5 µm
- AuroDur®, gold plated

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RF_35/05.10/6.0

Technical Data Sheet

Rosenberger

TNC 50 Ω

ADAPTOR
JACK – SMA JACK

56K132-K00L5

Electrical data

Impedance	50 Ω
Frequency	DC to 10 GHz
Return loss	≥ 35 dB, DC to 2 GHz ≥ 30 dB, 2 to 3 GHz ≥ 25 dB, 3 to 4 GHz
Insertion loss	≤ 0.05 dB, DC to 4 GHz
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 1.5 mΩ, TNC side; ≤ 3 mΩ, SMA side
Outer contact resistance	≤ 1 mΩ, TNC side; ≤ 2 mΩ, SMA side
Test voltage (at sea level)	1000 V rms
Working voltage (at sea level)	480 V rms
Power handling (at 20 °C, sea level, VSWR 1.0)	≤ 80 W @ 2 GHz

Mechanical data

Mating cycles	TNC side min. 500	SMA side min. 500
Center contact captivation: axial	≥ 27 N	≥ 27 N
Coupling test torque	max. 1.7 Nm	max. 1.7 Nm
Recommended torque	0.46 Nm to 0.69 Nm	0.8 Nm to 1.1 Nm

Environmental data

Temperature range	-65°C to +165°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
RoHS	compliant

Tooling

N/A

Suitable cables

N/A

Weight

Weight 9.2 g/pce

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Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Chr. Entfellner	24/07/08	Sa. Krautenbacher	19.03.14	e00	14-0352	T. Krojer	19.03.14
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