



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

**Interface**

According to	SMC side:	IEC 60169-9, CECC 22140, US MIL-C-39012
	SMA side:	IEC 60169-15; EN 122110; MIL-STD-348A, Fig. 310

**Documents**

N/A

**Material and plating**

**Connector parts**

- Center contact
- Outer contact SMC side
- Outer contact SMA side
- Dielectric
- Coupling nut SMC

**Material**

- CuBe or equiv.
- Brass
- CuBe or equiv.
- PTFE
- Brass

**Plating**

- AuroDur®, gold plated
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- Gold, 0.1 µm min.

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SMC

Adaptor  
SMC Jack – SMA Jack

**39K132-K00L5**

**Electrical data**

Impedance	50 Ω
Frequency	DC to 6 GHz
Return loss	≥ 35 dB, DC to 1 GHz ≥ 30 dB, 1 to 3 GHz ≥ 20 dB, 3 to 6 GHz
Insertion loss	≤ 0.05 √f(GHz) x dB
Insulation resistance	≥ 1x10 <sup>3</sup> MΩ
Center contact resistance	≤ 5 mΩ, SMC side      ≤ 3 mΩ, SMA side
Outer contact resistance	≤ 2.5 mΩ, SMC side    ≤ 2 mΩ, SMA side
Test voltage	750 V rms, 50 Hz, at sea level
Working voltage	≤ 250 V rms, 50 Hz, at sea level
RF-leakage	≥ 90 dB up to 1 GHz

**Mechanical data**

Mating cycles	SMC side min. 500	SMA side min. 500
Coupling nut retention	≥ 150 N	N/A
Coupling test torque	max. 0.71 Nm	max. 1.7 Nm
Recommended torque	0.25 Nm to 0.35 Nm	0.8 Nm to 1.1 Nm
Center contact captivation: axial	≥ 10 N	≥ 10 N

**Environmental data**

Temperature range	-55°C to +155°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. D
Moisture resistance	MIL-STD-202, Meth. 106
Corrosion	MIL-STD-202, Meth. 101, Cond B
RoHS	compliant

**Tooling**

N/A

**Suitable cables**

N/A

**Weight**

Weight 5.8 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.



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