



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

**Interface**

According to CECC 22220, IEC 61169-36

**Documents**

Assembly instruction 29 C

**Material and plating**

**Connector parts**

Center contact  
Outer contact  
Body  
Dielectric  
Crimping sleeve

**Material**

Brass  
CuBe  
Brass  
PTFE  
Copper

**Plating**

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

**Electrical data**

Impedance	50 Ω
Frequency	DC to 6 GHz
Return loss	≥ 32 dB, DC to 2 GHz ≥ 26 dB, 2 to 3 GHz ≥ 22 dB, 3 to 4 GHz
Insertion loss	≤ 0.05 x √f(GHz) dB, DC to 4 GHz
Insulation resistance	≥ 1 GΩ
Center contact resistance	≤ 5.0 mΩ
Outer contact resistance	≤ 2.5 mΩ
Test voltage	750 V rms
Working voltage	335 V rms
Contact Current	1.5A DC max.

- Limitations are possible due to the used cable type -

**Mechanical data**

Mating cycles	≥ 500
Center contact captivation	≥ 10 N
Engagement force	≤ 25 N
Disengagement force	8 N min. to 20 N max.

**Environmental data**

Temperature range	-55°C to +155°C
Thermal shock	CECC 22 220, Chapter 4.6.7
Vibration	CECC 22 220, Chapter 4.6.3
Corrosion	CECC 22 220, Chapter 4.6.10
Moisture resistance	CECC 22 220, Chapter 4.6.6
RoHS	compliant

**Tooling**

Crimping tool	11W150-000
Crimp insert	11W150-102

**Suitable cables**

RG 316 /U-d and similar

**Weight**

Weight	1.2 g/pce
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For the installation of the electrotechnical equipment, particular electrotechnical expertise is required.



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