



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

**Interface**

According to CECC 22220, IEC 61169-36

**Documents**

Assembly instruction 29 A

**Material and plating**

**Connector parts**

Center contact	Brass
Outer contact	CuBe
Dielectric	PTFE
Crimping sleeve	Copper

**Plating**

AuroDur®, gold plated  
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 Gold, 0.1 µm min.

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**Electrical data**

Impedance	50 Ω
Frequency	DC to 6 GHz
Return loss	≥ 20 dB, DC to 1 GHz ≥ 15 dB, 1 to 2 GHz
Insertion loss	≤ 0.1 x √f(GHz) dB, DC to 2 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	11W150-402

**Suitable cables**

RG 196 A/U, RG 178 B/U

**Weight**

Weight	0.95 g/pce
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For the installation of the electrotechnical equipment, particular electrotechnical expertise is required.



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