



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

**Interface**

According to CECC 22 230, DIN 47297

**Documents**

Assembly instruction 34 D  
Panel piercing B 26

**Material and plating**

**Connector parts**

Connector parts	Material	Plating
Center contact	Beryllium copper	Gold, min. 1.27 µm, over nickel
Outer contact	Beryllium copper	Gold, min. 1.27 µm, over nickel
Body	Brass	Silver, 3-6 µm
Centering sleeve	Brass	Nickel, 2.5-5 µm
Dielectric	PTFE	
Crimping ferrule	Copper	Nickel, 2.5-5 µm

**Electrical data**

Impedance	50 Ω
Frequency	DC to 10 GHz
Return loss	≥ 20 dB, DC to 1 GHz ≥ 18 dB, 1 to 4 GHz
Insertion loss	≤ 0.1 x √f(GHz) dB, DC to 4 GHz
Insulation resistance	≥ 1x10 <sup>3</sup> MΩ
Center contact resistance	≤ 4 mΩ
Outer contact resistance	≤ 2.5 mΩ
Test voltage	750 V rms
Working voltage	250 V rms
RF-leakage	≥ 90 dB up to 1 GHz

- Limitations are possible due to the used cable type -

**Mechanical data**

Mating cycles	≥ 500
Center contact captivation	≥ 10 N
Engaging and disengaging force	0.9 N to 10 N

**Environmental data**

Temperature range	-40°C to +85°C	
Climatic class	IEC 60068-2-1 40/85/21 IEC 60068-2-2 IEC 60068-2-3	
Vibration	IEC 60068-2-6	10 Hz to 2000 Hz, 100m/s <sup>2</sup>

**Tooling**

Crimping tool	11W150-000
Crimp insert	11W152-102

**Suitable cables**

RG 316 /U, RG 174 A/U, RG 188 A/U

**Packing**

Standard	50 pcs in bag
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.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
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