



- 1) Measured when retaining clip is fully pushed towards contact area.  
2) The border dimension includes the necessary axial misalignment of the retaining clip.

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

**Interface**

According to DIN 41626/2, BS 9525 F0011

**Documents**

Assembly instruction 59 K

**Material and plating**

**Connector parts**

Center contact  
Outer contact  
Body  
Clip  
Dielectric

**Material**

CuBe  
CuBe  
Brass  
CuBe  
PTFE

**Plating**

AuroDur®, gold plated  
AuroDur®, gold plated  
Gold, 0.1 µm min.  
Nickel, 2.5-5 µm

**Electrical data**

Impedance	50 Ω
Frequency	DC to 10 GHz
Return loss	≥ 26 dB, DC to 2 GHz ≥ 23 dB, 2 to 3 GHz ≥ 20 dB, 3 to 10 GHz
Insertion loss	≤ 0.05 x √f(GHz) dB
Insulation resistance	≥ 200 MΩ
Center contact resistance	≤ 10 mΩ
Outer contact resistance	≤ 3 mΩ
Test voltage	750 V rms
Working voltage	250 V rms
RF-leakage	≥ 80 dB up to 0.5 GHz ≥ 65 dB up to 1.5 GHz

- Limitations are possible due to the used cable type -

**Mechanical data**

Mating cycles	≥ 500
Center contact captivation	≥ 10 N
Connector captivation in plastic	≥ 52 N
Engaging and disengaging force	≤ 10 N

**Environmental data**

Temperature range	-55°C to +125°C
Climatic class	IEC 60068-2-1 55/125/21 IEC 60068-2-2 IEC 60068-2-3
2002/95/EC (RoHS)	compliant

**Tooling**

N/A

**Suitable cables**

UT 85, RG 405

**Packing**

Standard	1 pce in bag; 100 pcs in bag, B0001S
Weight	1.4 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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