



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

**Interface**

According to CECC 22 230, DIN 47297

**Documents**

Assembly instruction 34 B  
Panel piercing B 25

**Material and plating**

**Connector parts**

Center contact  
Outer contact  
Body  
Dielectric  
Crimping ferrule

**Material**

CuBe  
Brass  
Brass  
PTFE  
Copper

**Plating**

AuroDur®, gold plated  
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AuroDur®, gold plated  
Nickel, 2.5-5 µm

**Electrical data**

Impedance	50 Ω
Frequency	DC to 10 GHz
Return loss	≥ 20 dB, DC 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 2002/95/EC (RoHS)	IEC 60068-2-6 compliant
	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	1 pce in bag
Weight	3.1 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
Inge Mühlauer	21/09/04	Sepp Gramsamer	12.03.08	d00	07-0154	S_Krautenb.	12.03.08
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany <a href="http://www.rosenberger.de">www.rosenberger.de</a>					Tel.: +49 8684 18-0 Fax: +49 8684 18-499 email: <a href="mailto:info@rosenberger.de">info@rosenberger.de</a>		Page 2 / 2