



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	Brass
Outer contact	CuBe
Body	Brass
Dielectric	PTFE
Crimping sleeve	Copper

Plating

AuroDur®, gold plated
 AuroDur®, gold plated
 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, RG 174 A/U, RG 188 A/U

Weight

Weight	1.2 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.

For the installation of the electrotechnical equipment, particular electrotechnical expertise is required.



Dieses Dokument ist urheberrechtlich geschützt • This document is protected by copyright • Rosenberger Hochfrequenztechnik GmbH & Co. KG

RF_35/09.14/6.2

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
König A.	29.06.08	Chr. Janßen	04.11.20	d00	20-1927	S. Huber-Siegl	04.11.20

Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Tel. : +49 8684 18-0 Email : info@rosenberger.de		Page 2 / 2	
--	--	--	--	--	--	---------------	--