



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

Interface

According to CECC 22 230, DIN 47297

Documents

Assembly instruction 34 A

Material and plating

Connector parts

	Material	Plating
Center contact	CuBe	AuroDur®, gold plated
Outer contact	CuBe	AuroDur®, gold plated
Body	Brass	Silver, 3-6 µm
Coupling nut	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
Insulation resistance	≥ 1x10 ³ 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
Coupling mechanism retention force	≥ 200 N (screw version, quick-lock)

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 ²
2002/95/EC (RoHS)	compliant	

Tooling

Crimping tool	11W150-000
Crimp insert	11W150-106

Suitable cables

2YCCY 0.4/2.5, 2YC(ms)CY 0.4/2.5 (75 Ω cable)

Packing

Standard	1 pce in bag
Weight	3.9 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	Gramsamer J.	14.03.08	d00	07-0154	S_Kra.	14.03.08
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de					Tel.: +49 8684 18-0 Fax: +49 8684 18-499 email: info@rosenberger.de		Page 2 / 2