



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

**Interface**

According to MIL-STD-348

**Documents**

Assembly instruction 59 G2

**Material and plating**

**Connector parts**

Center contact  
Outer contact  
Dielectric  
Crimping ferrule

**Material**

CuBe  
CuBe  
PTFE  
Copper

**Plating**

AuroDur®, gold plated  
AuroDur®, gold plated  
Gold, 0.1 µm

**Electrical data**

Impedance	50 Ω
Frequency	DC to 26.5 GHz
Return loss	≥ 20 dB, DC to 12 GHz
Insertion loss	≤ 0.05 x √f(GHz) dB, DC to 12 GHz
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 6.0 mΩ
Outer contact resistance	≤ 2.0 mΩ
Test voltage	500 V rms
Working voltage	335 V rms
Contact Current	1.2A DC max.

- Limitations are possible due to the used cable type -

**Mechanical data**

Mating cycles	
if mating part is smooth bore	≥ 1000
if mating part is limited detent	≥ 500
if mating part is full detent	≥ 100
Center contact captivation	≥ 7 N
Engagement force	
- smooth bore	9 N max.
- limited detent	45 N max.
- full detent	68 N max.
Disengagement force	
- smooth bore	2.2 N min.
- limited detent	9 N min.
- full detent	22 N min.

**Environmental data**

Temperature range	-65°C to +155°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Shock	MIL-STD-202, Method 213, Condition A
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

**Tooling**

Crimping tool	11W150-000
Crimp insert	11W150-402

**Suitable cables**

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

**Weight**

Weight 1.0 g/pce

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



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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 Email : <a href="mailto:info@rosenberger.de">info@rosenberger.de</a>		Page 2 / 2