



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

**Interfacerr**

According to

IEC 60169-15, EN 122110, MIL-STD-348A, Fig. 310

**Documents**

Assembly instruction

32 A5 or 32 A26

Panel piercing

B 56

**Material and plating**

**Connector parts**

Center contact

**Material**

CuBe

Outer contact

CuBe or equiv.

Dielectric

PTFE

Gasket

Silicone

**Plating**

AuroDur®, gold plated

AuroDur®, gold plated

**Electrical data**

Impedance	50 Ω
Frequency	DC to 18 GHz
Return loss	≥ 30 dB, DC to 8 GHz ≥ 26 dB, 8 to 12 GHz ≥ 19 dB, 12 to 18 GHz
Insertion loss	≤ 0.03 x √f(GHz) dB
Insulation resistance	≥ 5 x10 <sup>3</sup> MΩ
Center contact resistance	≤ 3 mΩ
Outer contact resistance	≤ 2 mΩ
Test voltage	1000 V rms
Working voltage	480 V rms
Power handling (at 20 °C, sea level, VSWR 1.0)	≤ 200 W @ 2 GHz
RF-leakage	≥ 100 dB up to 1 GHz

- Limitations are possible due to the used cable type -

**Mechanical data**

Mating cycles	min. 500
Coupling test torque	max. 1.7 Nm
Recommended torque	0.8 Nm to 1.1 Nm

**Environmental data**

Temperature range	-65°C to +165°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture resistance	MIL-STD-202, Meth. 106
RoHS	compliant

**Tooling**

N/A

**Suitable cables**

UT 141 A, RG 402

**Weight**

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.

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



Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Rong Fang	10.03.04	Chr. Janßen	10.11.20	f00	20-1927	S. Huber-Siegl	10.11.20
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>	
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