



- 1) Panel piercing:  $\text{Ø}4.8^{+0.05}$
- 2) Measured when retaining clip is fully pushed towards contact area.

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

**Interface**

According to MIL-STD-348

**Documents**

Assembly instruction 19 E4  
Panel piercing B 618

**Material and plating**

**Connector parts**

Center contact	Brass
Outer contact	Brass
Dielectric	PTFE

**Plating**

AuroDur®, gold plated  
AuroDur®, gold plated

**Electrical data**

Impedance	50 Ω
Frequency	DC to 26.5 GHz
Return loss	≥ 30 dB, DC to 4 GHz ≥ 20 dB, 4 to 12 GHz ≥ 18 dB, 12 to 26.5 GHz
Insertion loss	≤ 0.05 x √f(GHz) dB, DC to 26.5 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	≥ 500
Center contact captivation:	≥ 7 N
Engagement force	
- limited detent	45 N max.
Disengagement force	
- limited detent	9 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**

Extraction tool	11W101-000
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**Suitable cables**

RG 405 /U, UT 85-M17

**Weight**

Weight	1.04 g/pce
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For the installation of the electrotechnical equipment, particular electrotechnical expertise is required.



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