



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

Interface

According to IEC 60169-15; EN 122110; MIL-STD-348

Documents

Assembly instruction 32 A5 or 32 A26
 Panel piercing B 55

Material and plating

Connector parts

| | |
|----------------|----------------|
| Center contact | CuBe |
| Outer contact | CuBe or equiv. |
| Dielectric | PTFE |

Material

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 ³ 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 4.00 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 |
|--|----------|-----------------|----------|------|--|-----------|---------------|
| Rong Fang | 10/03/04 | J_Krautenbacher | 21.07.16 | h00 | 15-1629 | I_Wallner | 21.07.16 |
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