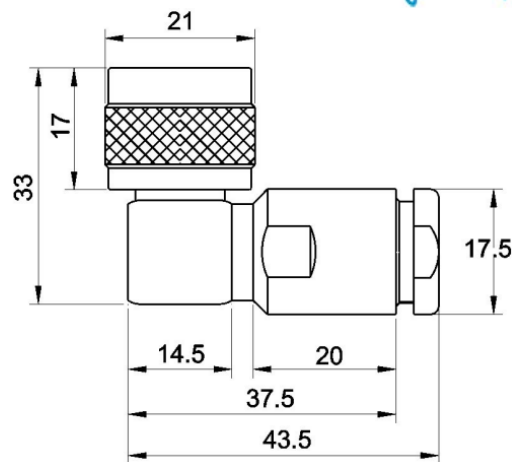




Alle Angaben in mm / All dimensions are in mm  
Pin: Loch / hole:  $\varnothing$  3,0 mm

Norm: IEC 169-16

Kabeltypen / Cable Types: Aircell 7 / H2007 / LMR 300

### Mechanische Eigenschaften / Mechanical specifications:

|                                                 |                            |
|-------------------------------------------------|----------------------------|
| Isolierhülse / Isolator                         | PTFE                       |
| Anpressdichtung / Gasket                        | Gummi / Rubber             |
| O-Ring / O-ring                                 | Gummi / Rubber             |
| Dichtung Steckergesicht / Gasket in mating face | Silikon / Silicone         |
| Oberfläche / Surface                            | vernickelt / nickel plated |
| Metallteile außer Pin / Metal parts excl. pin   | CuZn39Pb3                  |
| Pin (diamagnetisch) / Pin (diamagnetic)         | vergoldet / gold plated    |
| Temperaturbereich / Operating temperature       | -45°C / +155°C             |
| Gewicht / Weight                                | 83g                        |
| RoHs conform / RoHs compliant                   | Ja / Yes                   |
| Schutzklasse / Protection class                 | IP 65                      |

### Elektrische Eigenschaften / Electrical specifications:

|                                                       |                       |
|-------------------------------------------------------|-----------------------|
| Betriebsspannung / Working voltage                    | $\leq 1000$ V RMS     |
| Impedanz / Impedance                                  | 50 $\Omega$           |
| Isolationswiderstand / Isulation resistance           | $\geq 5$ G $\Omega$   |
| Frequenz bis zu / Frequency up to                     | 4 GHz                 |
| Durchgangswiderstand innen / Inner contace resistance | $\leq 1,5$ m $\Omega$ |
| Durchgangswiderstand außen / Outer contact resistance | $\leq 1,0$ m $\Omega$ |

# Mounting instruction

## AIRCELL® 7

N-Angle-Connector / Art. Nr.: 7399



1



Cut off cable tail right-angled.

2



Move the nut, clamping ring and rubber washer over the cable tail. Hint: With a bit of Vaseline the rubber washer can be moved easily over the cable sheath.

3



Remove 18 mm of the outer sheath with a knife.

4



Bend copper braid upwards right-angled. Insert contact sleeve between copper foil and braid until stop. Cut off protruding braid. Move the rubber seal to the front, up to the contact sleeve.

5



Mark out and remove the copper foil with a knife. Short the dielectric to a length of 10 mm.

6



The prepared cable tail has to be inserted into the housing until stop. Tighten the clamping nut finger tight with two open-ended spanners 16 mm. A small split should remain visible between clamping nut and connector housing. Then the inner conductor has to be soldered to the center contact.

7



Screw the closure cap firmly.

8

