# **Data Sheet**



# Coaxial Cable Connector 11\_TNC-50-4-78/133\_N

## **Description**

Straight cable plug

Interface standards
IEC 60169-17\_MIL-STD-348A/313\_CECC 22200



#### **Technical Data**

**Electrical Data** 

 $\begin{array}{ll} \text{Impedance} & 50 \ \Omega \\ \text{Interface frequency max.} & 11 \ \text{GHz} \end{array}$ 

 Frequency range
 DC to 2 GHz
 2 to 4 GHz
 4 to 6 GHz

 Return loss
 29 dB
 22.6 dB
 21.8 dB

**Mechanical Data** 

Centre contact crimped
Outer contact crimped

**Environmental Data** 

Operating temperature -50 °C to 165 °C 2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant

#### **Material Data**

| Piece Parts     | Material                         | Surface Plating                   |
|-----------------|----------------------------------|-----------------------------------|
| Centre contact  | Brass                            | Gold Plating (Nickel underplated) |
| Outer contact   | Brass                            | SUCOPLATE (R) Plating             |
| Body            | Brass                            | SUCOPLATE (R) Plating             |
| Other body part | Brass                            | SUCOPLATE (R) Plating             |
| Insulator       | PTFE (Polytetrafluoroethylene)   |                                   |
| Coupling nut    | Brass                            | SUCOPLATE (R) Plating             |
| Gasket          | FVMQ (Fluoro silicone elastomer) |                                   |
| Crimp ferrule   | Copper                           | SUCOPLATE (R) Plating             |

#### **Related Documents**

Outline drawing DOU-00301674
Assembly instruction DOC-0000719526

#### **Ordering Information**

Single package 11\_TNC-50-4-78/133\_NE

## **Additional Information**

Suitable cables Spuma\_240-RS-FR, SPUMA\_240, SPUMA\_240-FR-01

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