# **Data Sheet**



# Between Series Adaptor 31\_SMA-TNC-50-1/1--\_U

# **Description**

Adaptor jack/jack

SMA jack (female) / TNC jack (female)

Interface standards

Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110 Series TNC - IEC 60169-17\_MIL-STD-348A/313\_CECC 22200



### **Technical Data**

**Electrical Data** 

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

Frequency range DC to 2 GHz 2 to 6 GHz 6 to 11 GHz Return loss  $\geq$  26.4 dB  $\geq$  20.8 dB  $\geq$  17.7 dB

**Mechanical Data** 

Number of matings 500 Weight 0.0079 kg

**Environmental Data** 

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

#### **Material Data**

Interface - SMA jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Body	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Insulator	PFA / PTFE	

# Interface - TNC jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

# **Related Documents**

Catalogue drawing DCA-00014572

## Ordering Information

Single package 31\_SMA-TNC-50-1/1--\_UE

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