## **Data Sheet**

# Between Series Adaptor 33\_SMA-TNC-50-1/1--\_N

## Description

Adaptor plug/jack SMA plug (male) / 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**

Impedance	50 Ω
Interface frequency max.	11 GHz
VSWR	DC - 6 GHz ≤ 1.03 + 0.05 f (GHz)
Frequency range	6 to 11 GHz
Return loss	≥ 17 dB
Mechanical Data	
Number of matings	500
Weight	0.0087 kg
Environmental Data	
Operating temperature	-65 °C to 165 °C
2011/65/EU (RoHS - including	compliant
2015/863 and 2017/2102)	

#### **Material Data**

Interface - SMA plug (male)

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	
Coupling nut	Bronze	Gold Plating (Nickel underplated)
Gasket	VMQ (Silicone rubber)	

#### 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**

DCA-00014228

## **Ordering Information**

Single package

Catalogue drawing

33\_SMA-TNC-50-1/1--\_NE

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